

# Memorandum

Date March 20, 2000

To 1. Acting Chief, Statewide Planning Branch  
2. William J. Bennett

*WJB 3/21/00*

From Paul Dabbs, Chief  
Water Resources Evaluation Section  
Department of Water Resources

Subject: 1995 Annual Water Use-Water Supply Budgets

This report is the eighth in a series that provides field information on population, land use, water use, surface water supply, and groundwater. The data reported are based on precipitation, temperature, runoff, water supply, and water use measurements for 1995, rather than normalized conditions as assumed in a base year for Bulletin 160. Provided are 1995 data by planning subarea and by county; water use and supplies by planning subarea; and groundwater changes from 1994 to 1995.

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## Overview

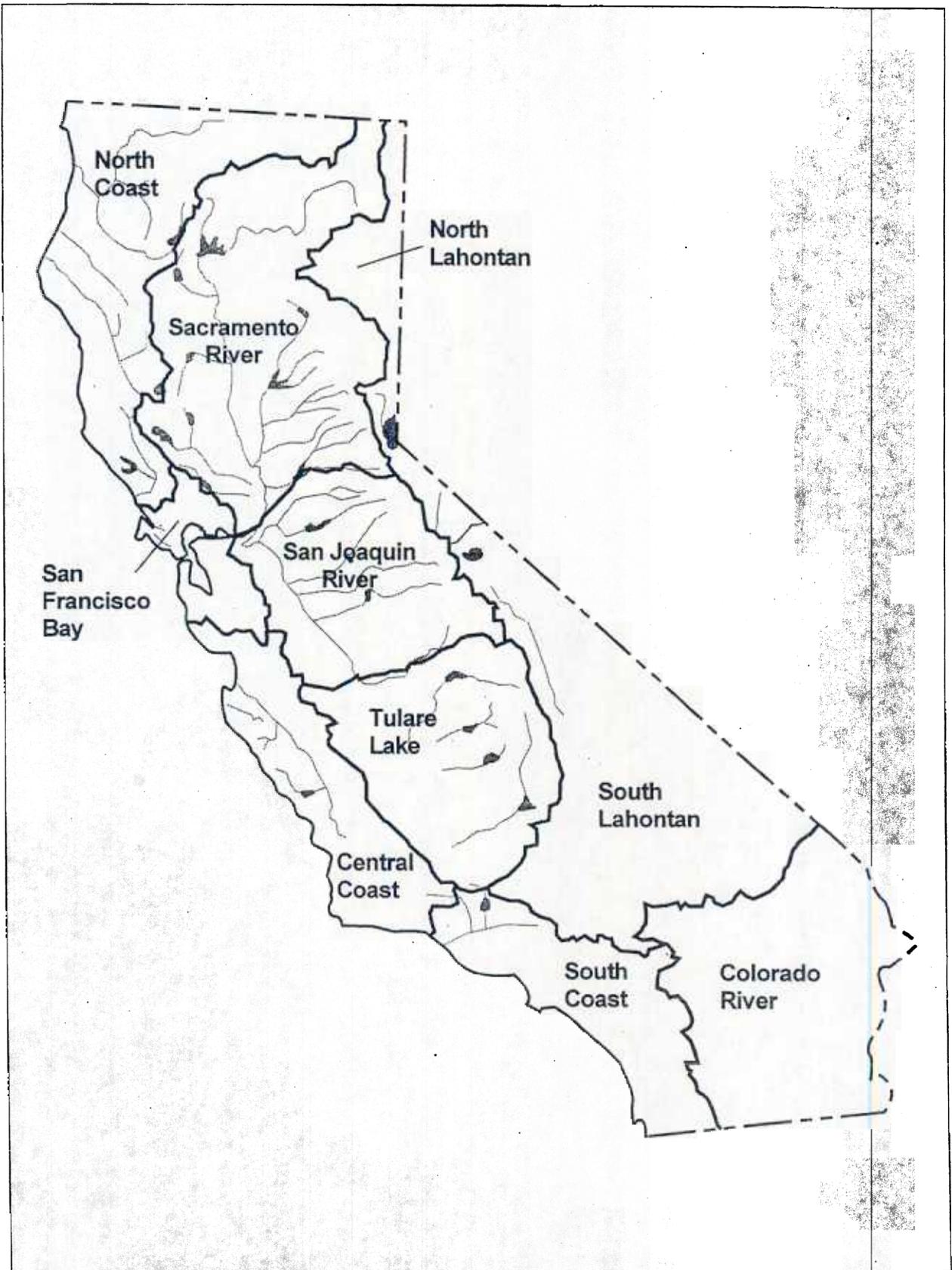
This report provides actual field information for 1995 on population, land use, water use, surface water supply, and groundwater. Data are based on actual climatic and hydrologic data rather than on normal conditions as assumed in a base year for Bulletin 160. Annual reports provide timely information on changes in population, land use, groundwater, and water use in California. Totals shown in tables will not always add exactly because of rounding. Population data for years 1991 through 1994 are based upon revised estimates on July 1, 1995 and may not match data presented in previous annual reports.

Water year 1995 was a year of above normal rainfall. However, it followed a year with deficient supplies, and reservoir carryover storage from 1994 was below normal. Statewide precipitation averaged 162 percent, runoff averaged 182 percent, and reservoir storage increased 12.2 million acre-feet to 130 percent of normal at the end of the year. Groundwater storage increased as the surface water supplies were well above normal, reducing the need for groundwater.

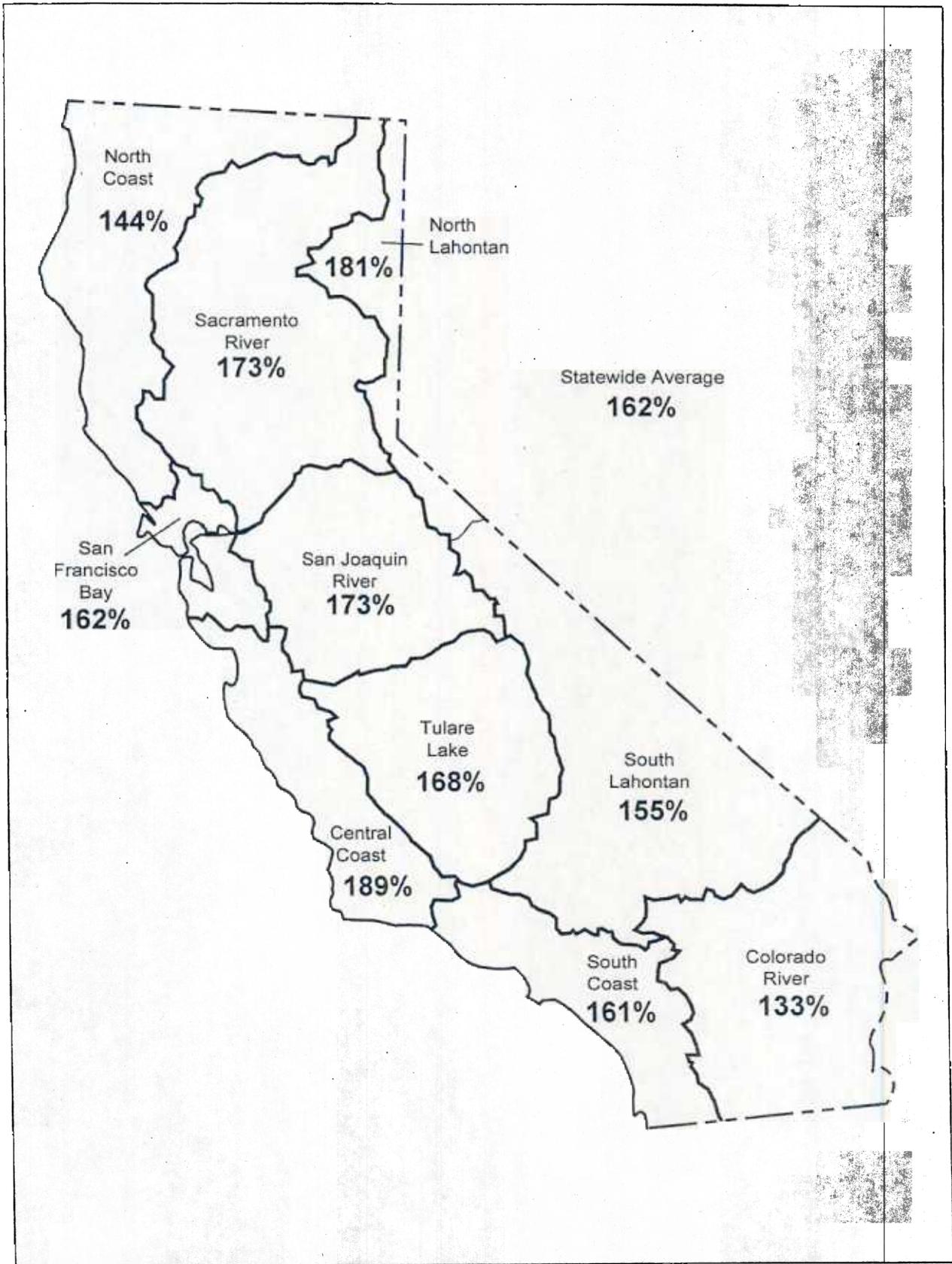
**Table 1**  
**Reservoir Storage as of September 30**  
**(1,000 acre-feet)**

| Hydrologic Region         | Number of Reservoirs | Historic Average | 1994          | 1995          |
|---------------------------|----------------------|------------------|---------------|---------------|
| North Coast               | 7                    | 2,086            | 1,546         | 2,283         |
| San Francisco Bay         | 18                   | 397              | 417           | 525           |
| Central Coast             | 6                    | 521              | 300           | 665           |
| South Coast               | 29                   | 1,122            | 1,432         | 1,704         |
| Sacramento River          | 43                   | 10,135           | 7,324         | 11,927        |
| San Joaquin River         | 33                   | 5,914            | 4,211         | 8,799         |
| Tulare Lake               | 6                    | 672              | 312           | 1,194         |
| North Lahontan            | 5                    | 560              | 85            | 689           |
| South Lahontan            | 8                    | 293              | 257           | 333           |
| <b>California</b>         | <b>155</b>           | <b>21,699</b>    | <b>15,884</b> | <b>28,120</b> |
| <b>Percent of Average</b> |                      |                  | <b>73</b>     | <b>130</b>    |

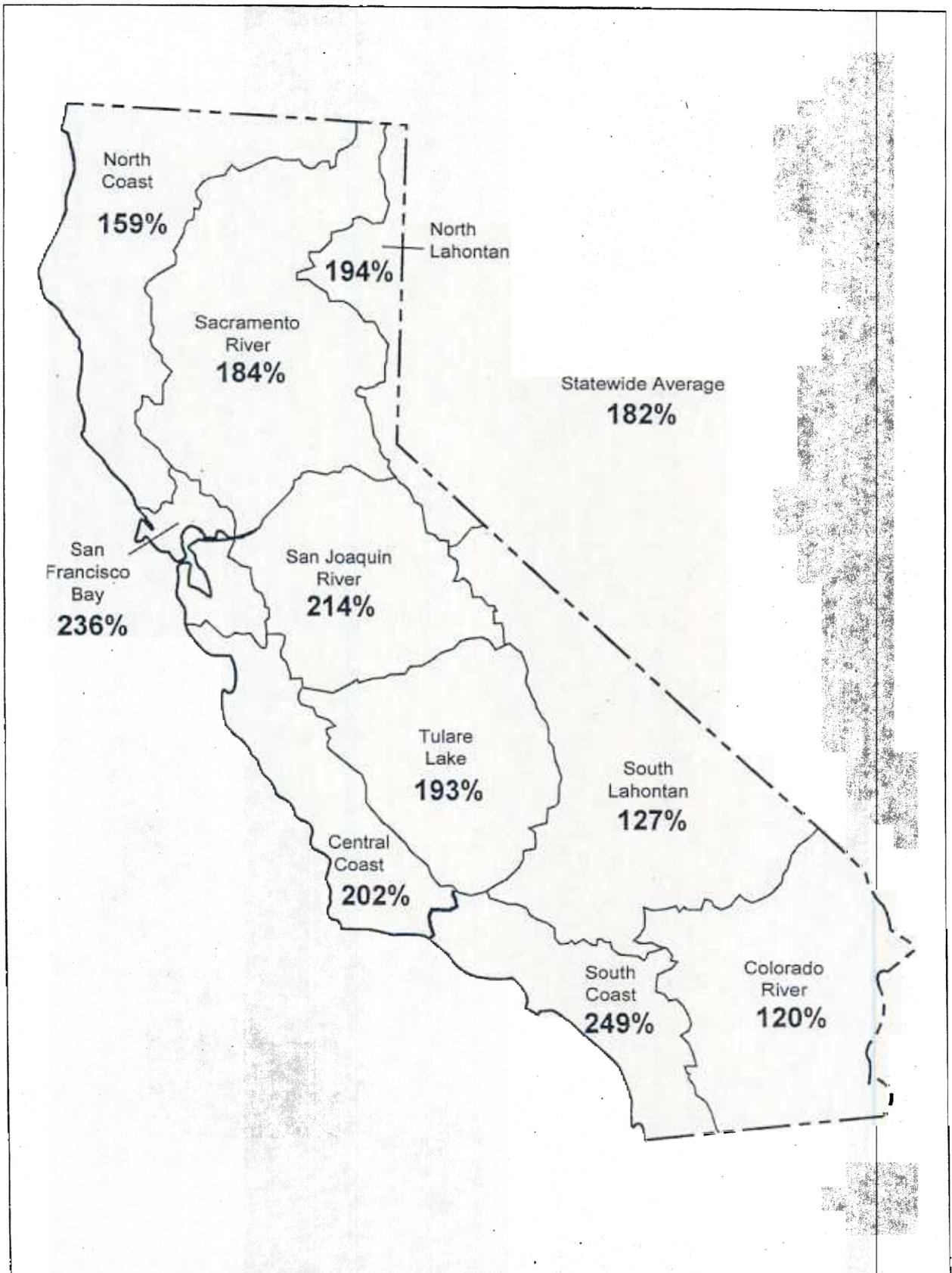
**Figure 1**  
**Hydrologic Regions in California**



**Figure 2**  
**Water Year Precipitation in Percent of Average, 1995**  
**By Hydrologic Region**



**Figure 3**  
**Water Year Runoff in Percent of Average, 1995**  
**By Hydrologic Region**



## Population

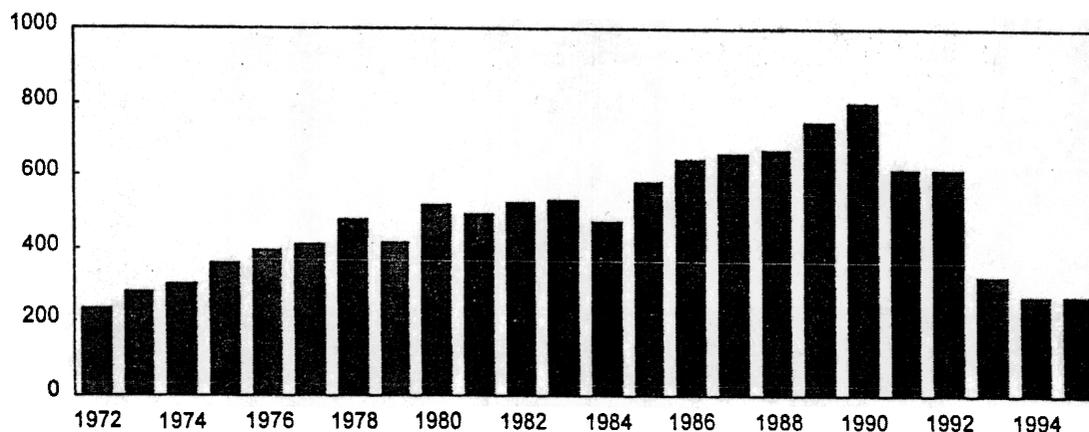
Department of Finance estimates of population are made during the years between the U.S. Census using data from school enrollments, labor force, federal income tax returns, drivers licenses, Medicare data, and birth and death data. Present-year estimates are made on July 1 of each year, along with revised estimates for the previous years since the last census. Therefore, population estimates for a given non-census year are revised each following year until the next census. DOF estimated California's population at 32,063,000 on July 1, 1995. This is an increase of 273,000 from 1995 revised estimates for July 1, 1994, or 0.9 percent over this period. This was the lowest growth since 1971-72 and continued the pattern of declining growth that started in 1990-91. Net migration was minus 74,000, less than the 82,000 loss of the year before. The number of births declined for a third year in a row, after eighteen consecutive years of increase. Deaths decreased slightly to 222,000.

Tables 2, 3, and 4 show regional, county and planning subarea population data. Figure 4 shows annual population increase from 1972 through 1995. These increases are found by comparing the July 1995 estimated current population to the estimated populations for past years. For years 1991 through 1995, year increases were based upon 1991 through 1994 population estimates revised in July of 1995, and thus may not match population increases presented in previous annual reports which were based upon prior revisions.

**Table 2**  
**July 1995 Population by Hydrologic Region**

| Hydrologic Region | Population | Percent of Total | Hydrologic Region | Population | Percent of Total |
|-------------------|------------|------------------|-------------------|------------|------------------|
| NC                | 606,025    | 1.9              | TL                | 1,737,665  | 5.4              |
| SF                | 5,780,180  | 18.0             | NL                | 84,105     | 0.3              |
| CC                | 1,346,570  | 4.2              | SL                | 712,825    | 2.2              |
| SC                | 17,298,860 | 54.0             | CR                | 532,775    | 1.7              |
| SR                | 2,372,170  | 7.4              |                   |            |                  |
| SJ                | 1,591,585  | 5.0              | CA                | 32,062,760 | 100.0            |

**Figure 4**  
**Annual Population Increase, 1972-1995**  
**(Thousands)**



**Table 3**  
**July 1995 Population by County, Ranked by Size**

| County         | Population | County          | Population | County       | Population        |
|----------------|------------|-----------------|------------|--------------|-------------------|
| Los Angeles    | 9,352,200  | Tulare          | 349,800    | Tehama       | 54,200            |
| San Diego      | 2,669,200  | Santa Cruz      | 241,500    | Tuolumne     | 51,500            |
| Orange         | 2,614,800  | Marin           | 238,900    | Siskiyou     | 44,650            |
| Santa Clara    | 1,603,300  | San Luis Obispo | 228,400    | San Benito   | 42,650            |
| San Bernardino | 1,581,600  | Placer          | 203,500    | Calaveras    | 36,950            |
| Riverside      | 1,370,300  | Merced          | 198,500    | Amador       | 32,600            |
| Alameda        | 1,347,700  | Butte           | 196,100    | Lassen       | 28,650            |
| Sacramento     | 1,117,700  | Shasta          | 160,900    | Del Norte    | 27,600            |
| Contra Costa   | 867,300    | Yolo            | 150,800    | Glenn        | 26,600            |
| Fresno         | 754,100    | El Dorado       | 144,200    | Plumas       | 20,500            |
| San Francisco  | 751,500    | Imperial        | 137,400    | Inyo         | 18,450            |
| Ventura        | 712,700    | Humboldt        | 124,500    | Colusa       | 17,850            |
| San Mateo      | 689,700    | Napa            | 117,800    | Mariposa     | 15,900            |
| Kern           | 616,700    | Kings           | 114,900    | Trinity      | 13,400            |
| San Joaquin    | 524,600    | Madera          | 106,400    | Mono         | 10,550            |
| Sonoma         | 419,500    | Nevada          | 86,600     | Modoc        | 10,050            |
| Stanislaus     | 413,800    | Mendocino       | 84,300     | Sierra       | 3,390             |
| Santa Barbara  | 391,400    | Sutter          | 73,800     | Alpine       | 1,170             |
| Solano         | 370,500    | Yuba            | 62,300     |              |                   |
| Monterey       | 361,800    | Lake            | 55,100     | <b>Total</b> | <b>32,062,760</b> |

Source: Department of Finance

**Table 4**  
**July 1995 Population by Planning Subarea**

| Hydrologic Region    | Planning Subarea     | Population        | Hydrologic Region       | Planning Subarea   | Population        |
|----------------------|----------------------|-------------------|-------------------------|--------------------|-------------------|
| <b>North Coast</b>   | Upper Klamath        | 30,020            | <b>Tulare Lake</b>      | Uplands            | 57,375            |
|                      | L. Klamath-Smith     | 49,635            |                         | Kings-Kwhh-Tule R. | 1,140,605         |
|                      | Coastal              | 166,380           |                         | San Luis West Side | 45,455            |
|                      | Russian River        | 359,990           |                         | Western Uplands    | 7,605             |
|                      | <b>Total</b>         | <b>606,025</b>    |                         | Kern Valley Floor  | 486,625           |
|                      |                      | <b>Total</b>      |                         | <b>1,737,665</b>   |                   |
| <b>SF Bay</b>        | North Bay            | 712,125           | <b>N. Lahontan</b>      | Lassen Group       | 25,485            |
|                      | South Bay            | 5,068,055         |                         | Alpine Group       | 58,620            |
|                      | <b>Total</b>         | <b>5,780,180</b>  |                         | <b>Total</b>       | <b>84,105</b>     |
| <b>Central Coast</b> | Northern             | 726,530           | <b>S. Lahontan</b>      | Mono-Owens Area    | 25,775            |
|                      | Southern             | 620,040           |                         | Death Valley       | 1,075             |
|                      | <b>Total</b>         | <b>1,346,570</b>  |                         | Indian Wells Area  | 53,475            |
| <b>South Coast</b>   | Santa Clara          | 921,760           |                         | Antelope Valley    | 326,400           |
|                      | Metropolitan         | 8,846,400         |                         | Mojave River       | 306,100           |
|                      | Santa Ana            | 4,349,400         | <b>Total</b>            | <b>712,825</b>     |                   |
|                      | San Diego            | 3,181,300         | <b>Colorado River</b>   | 29 Palms-Lanfair   | 68,125            |
|                      | <b>Total</b>         | <b>17,298,860</b> |                         | Chuckwalla         | 2,950             |
| <b>Sac River</b>     | Shasta L.-Pit R.     | 31,570            |                         | Colorado River     | 34,725            |
|                      | Northwest Valley     | 116,085           |                         | Coachella          | 289,450           |
|                      | Northeast Valley     | 204,950           |                         | Borrego            | 6,750             |
|                      | Southeast            | 267,295           | Imperial Valley         | 130,775            |                   |
|                      | Cntl Basin West      | 264,400           | <b>Total</b>            | <b>532,775</b>     |                   |
|                      | Cntl Basin East      | 1,364,285         | <b>California Total</b> |                    |                   |
|                      | Southwest            | 56,770            |                         |                    |                   |
|                      | Delta Service Area   | 66,815            |                         |                    |                   |
|                      | <b>Total</b>         | <b>2,372,170</b>  |                         |                    | <b>32,062,760</b> |
|                      |                      |                   |                         |                    |                   |
| <b>SJR</b>           | Sierra Foothills     | 159,635           |                         |                    |                   |
|                      | Eastern Valley Floor | 335,985           |                         |                    |                   |
|                      | Delta Service Area   | 179,200           |                         |                    |                   |
|                      | Western Uplands      | 75,225            |                         |                    |                   |
|                      | East Side Uplands    | 49,075            |                         |                    |                   |
|                      | Valley East Side     | 722,245           |                         |                    |                   |
|                      | Valley West Side     | 70,190            |                         |                    |                   |
|                      | West Side Uplands    | 30                |                         |                    |                   |
|                      | <b>Total</b>         | <b>1,591,585</b>  |                         |                    |                   |

## Land Use

California's total irrigated land acreage in 1995 was 9.028 million acres, about 8,000 acres more than 1994. Significant crop changes from 1994 were that double cropped acreage increased by about 91,000 acres. 1995 was a year of above normal surface water supplies, and reservoir and groundwater storage generally increased from the previous year.

Annual acreage is estimated from DWR county surveys and the County Agricultural Commission reports. Counties that were surveyed in 1995 were: Contra Costa, Lake, Madera, Merced, San Luis Obispo, Santa Barbara, Shasta, and Yuba.

Agricultural price support programs, conservation reserve programs, marketing orders, and international trade restrictions by the federal government impact the irrigated acreage in California, but the impact is difficult to determine. Price support programs that required farmers to idle irrigated acreage and the Crop Acreage Reduction Program tended to reduce California's planted acreage. On the other hand, subsidy programs that made crops profitable, which otherwise might not have been planted, tended to increase acreage. Tabulated below are the government payments to California farmers and to all U.S. farmers for the last twelve years. In 1995, California ranked number one in net farm income (13.5 percent of total in U.S.), but received only 3.3 percent of federal payments to farmers.

**Table 5**  
**Government Payments to California Farmers**  
(1,000 Dollars)

| Year | Feed<br>Grains | Wheat  | Rice    | Cotton  | Wool Act | Conser-<br>vation | Miscel-<br>laneous | Total          |
|------|----------------|--------|---------|---------|----------|-------------------|--------------------|----------------|
| 1984 | 2,688          | 19,040 | 29,016  | 27,023  | 9,717    | 7,717             | 240,058            | <b>335,259</b> |
| 1985 | 5,295          | 21,711 | 121,362 | 99,972  | 8,091    | 5,325             | 39,131             | <b>300,887</b> |
| 1986 | 17,324         | 43,441 | 82,272  | 119,602 | 9,476    | 4,990             | 110,756            | <b>387,861</b> |
| 1987 | 36,397         | 60,250 | 87,589  | 168,103 | 8,295    | 10,866            | 90,511             | <b>462,011</b> |
| 1988 | 28,464         | 40,237 | 87,435  | 118,600 | 6,949    | 12,879            | 40,514             | <b>335,078</b> |
| 1989 | 10,331         | 10,426 | 124,811 | 148,324 | 3,203    | 13,684            | 61,311             | <b>372,090</b> |
| 1990 | 6,340          | 27,752 | 92,150  | 57,995  | 4,463    | 14,452            | 49,181             | <b>252,333</b> |
| 1991 | 8,942          | 32,741 | 102,428 | 48,991  | 8,968    | 13,212            | 45,537             | <b>260,819</b> |
| 1992 | 10,643         | 23,134 | 103,570 | 91,232  | 10,794   | 13,479            | 177,530            | <b>430,382</b> |
| 1993 | 15,093         | 30,023 | 127,013 | 138,427 | 8,915    | 14,144            | 188,531            | <b>522,146</b> |
| 1994 | 8,042          | 22,747 | 67,688  | 92,978  | 9,952    | 14,642            | 56,732             | <b>272,781</b> |
| 1995 | 8,635          | 11,701 | 155,898 | 5,239   | 5,797    | 15,360            | 35,040             | <b>237,670</b> |

**Table 6**  
**Government Payments to U.S. Farmers**  
 (1,000 Dollars)

| Year | Feed Grains | Wheat     | Rice    | Cotton    | Wool Act | Conser-<br>vation | Miscel-<br>laneous | Total             |
|------|-------------|-----------|---------|-----------|----------|-------------------|--------------------|-------------------|
| 1984 | 366,739     | 1,795,151 | 191,783 | 274,658   | 117,578  | 191,458           | 5,493,003          | <b>8,430,370</b>  |
| 1985 | 2,860,552   | 1,949,621 | 577,234 | 1,106,244 | 97,596   | 188,830           | 924,077            | <b>7,704,154</b>  |
| 1986 | 5,158,038   | 3,499,721 | 422,769 | 1,042,392 | 119,922  | 253,697           | 1,324,812          | <b>11,821,351</b> |
| 1987 | 8,489,993   | 2,931,266 | 474,853 | 1,204,298 | 143,724  | 1,530,927         | 1,971,671          | <b>16,746,732</b> |
| 1988 | 7,219,460   | 1,841,883 | 464,548 | 923,863   | 116,777  | 1,607,379         | 2,305,898          | <b>14,479,808</b> |
| 1989 | 3,140,796   | 602,997   | 670,982 | 1,183,316 | 81,403   | 1,770,664         | 3,436,044          | <b>10,886,202</b> |
| 1990 | 2,701,173   | 2,311,300 | 464,880 | 440,757   | 96,195   | 1,898,141         | 1,385,584          | <b>9,298,030</b>  |
| 1991 | 2,648,653   | 2,165,672 | 550,029 | 406,903   | 153,519  | 1,858,183         | 431,440            | <b>8,214,399</b>  |
| 1992 | 2,499,273   | 1,402,688 | 512,300 | 751,177   | 188,082  | 1,899,421         | 1,915,979          | <b>9,168,920</b>  |
| 1993 | 4,844,009   | 1,909,362 | 649,678 | 1,255,618 | 173,249  | 1,966,691         | 2,633,408          | <b>13,432,015</b> |
| 1994 | 1,448,688   | 1,156,242 | 336,701 | 826,743   | 201,931  | 1,977,661         | 1,933,070          | <b>7,881,036</b>  |
| 1995 | 3,023,945   | 587,194   | 784,463 | 29,688    | 98,255   | 1,896,203         | 833,623            | <b>7,253,371</b>  |

**Table 7**  
**1995 Crop Acreage by Planning Subarea**  
 (1,000 acres)

| Crop                    | North Coast Region |                  |             |                  |              | San Francisco Bay Region |              |             |
|-------------------------|--------------------|------------------|-------------|------------------|--------------|--------------------------|--------------|-------------|
|                         | Upper<br>Klamath   | Lower<br>Klamath | Coastal     | Russian<br>River | Total        | North<br>Bay             | South<br>Bay | Total       |
| Grain                   | 37.5               | 0.1              | 0.2         | 0.3              | 38.1         | 1.0                      | 1.2          | 2.2         |
| Rice                    | 0.0                | 0.0              | 0.0         | 0.0              | 0.0          | 0.0                      | 0.0          | 0.0         |
| Cotton                  | 0.0                | 0.0              | 0.0         | 0.0              | 0.0          | 0.0                      | 0.0          | 0.0         |
| Sugar Beets             | 6.9                | 0.0              | 0.0         | 0.0              | 6.9          | 0.1                      | 0.0          | 0.1         |
| Corn                    | 0.2                | 0.0              | 0.1         | 0.0              | 0.3          | 0.0                      | 0.4          | 0.4         |
| Other Field             | 0.1                | 0.0              | 0.1         | 1.1              | 1.3          | 0.5                      | 1.1          | 1.6         |
| Alfalfa                 | 54.8               | 1.5              | 0.4         | 0.0              | 56.7         | 0.0                      | 0.2          | 0.2         |
| Pasture                 | 79.8               | 11.1             | 23.7        | 11.3             | 125.9        | 4.2                      | 0.7          | 4.9         |
| Tomatoes                | 0.0                | 0.0              | 0.0         | 0.0              | 0.0          | 0.2                      | 0.0          | 0.2         |
| Other Truck             | 16.8               | 0.7              | 1.9         | 0.9              | 20.3         | 1.1                      | 7.7          | 8.8         |
| Almond-Pistachio        | 0.0                | 0.0              | 0.0         | 0.0              | 0.0          | 0.0                      | 0.0          | 0.0         |
| Other Deciduous         | 0.1                | 0.0              | 1.0         | 5.6              | 6.7          | 4.2                      | 1.9          | 6.1         |
| Citrus-Olive            | 0.0                | 0.0              | 0.0         | 0.0              | 0.0          | 0.0                      | 0.0          | 0.0         |
| Grapes                  | 0.0                | 0.0              | 1.0         | 36.0             | 37.0         | 36.8                     | 2.1          | 38.9        |
| <b>Total Crop Acres</b> | <b>196.2</b>       | <b>13.4</b>      | <b>28.4</b> | <b>55.2</b>      | <b>293.2</b> | <b>48.1</b>              | <b>15.3</b>  | <b>63.4</b> |
| Double Crop             | 0.0                | 0.0              | 0.0         | 0.0              | 0.0          | 0.0                      | 0.0          | 0.0         |
| <b>Total Land Acres</b> | <b>196.2</b>       | <b>13.4</b>      | <b>28.4</b> | <b>55.2</b>      | <b>293.2</b> | <b>48.1</b>              | <b>15.3</b>  | <b>63.4</b> |

Figure 7 (cont.)

## 1995 Crop Acreage by Planning Subarea

(1,000 acres)

| Crop                    | Central Coast Region |              |              | South Coast Region |            |             |              | Total        |
|-------------------------|----------------------|--------------|--------------|--------------------|------------|-------------|--------------|--------------|
|                         | Southern             | Northern     | Total        | Santa Clara        | Metro LA   | Santa Ana   | San Diego    |              |
| Grain                   | 9.1                  | 22.1         | 31.2         | 0.1                | 0.0        | 6.0         | 7.3          | 13.4         |
| Rice                    | 0.0                  | 0.0          | 0.0          | 0.0                | 0.0        | 0.0         | 0.0          | 0.0          |
| Cotton                  | 0.0                  | 0.0          | 0.0          | 0.0                | 0.0        | 0.0         | 0.0          | 0.0          |
| Sugar Beets             | 0.0                  | 1.9          | 1.9          | 0.0                | 0.0        | 0.0         | 0.0          | 0.0          |
| Corn                    | 1.0                  | 2.4          | 3.4          | 0.5                | 0.2        | 2.6         | 0.3          | 3.6          |
| Other Field             | 4.9                  | 8.0          | 12.9         | 0.4                | 0.0        | 3.7         | 0.1          | 4.2          |
| Alfalfa                 | 6.9                  | 3.5          | 10.4         | 0.6                | 0.0        | 7.7         | 0.7          | 9.0          |
| Pasture                 | 7.1                  | 3.0          | 10.1         | 2.3                | 0.3        | 10.2        | 4.9          | 17.7         |
| Tomatoes                | 0.8                  | 7.8          | 8.6          | 2.1                | 0.0        | 1.1         | 2.5          | 5.7          |
| Other Truck             | 135.5                | 296.1        | 431.6        | 49.0               | 4.0        | 19.6        | 14.1         | 86.7         |
| Almond-Pistachio        | 0.0                  | 0.0          | 0.0          | 0.0                | 0.0        | 0.0         | 0.0          | 0.0          |
| Other Deciduous         | 5.4                  | 14.6         | 20.0         | 0.3                | 0.0        | 0.9         | 2.3          | 3.5          |
| Citrus-Olive            | 13.8                 | 1.1          | 14.9         | 58.8               | 2.0        | 28.0        | 68.6         | 157.4        |
| Grapes                  | 24.8                 | 33.6         | 58.4         | 0.0                | 0.0        | 3.8         | 2.3          | 6.1          |
| <b>Total Crop Acres</b> | <b>209.3</b>         | <b>394.1</b> | <b>603.4</b> | <b>114.1</b>       | <b>6.5</b> | <b>83.6</b> | <b>103.1</b> | <b>307.3</b> |
| Double Crop             | 69.6                 | 104.0        | 173.6        | 20.9               | 0.1        | 8.0         | 3.1          | 32.1         |
| <b>Total Land Acres</b> | <b>139.7</b>         | <b>290.1</b> | <b>429.8</b> | <b>93.2</b>        | <b>6.4</b> | <b>75.6</b> | <b>100.0</b> | <b>275.2</b> |

Table 7 (cont.)

## 1995 Crop Acreage by Planning Subarea

(1,000 acres)

| Crop                    | Sacramento River Region |              |             |             |                 |                 |             |                 | Total          |
|-------------------------|-------------------------|--------------|-------------|-------------|-----------------|-----------------|-------------|-----------------|----------------|
|                         | Shasta Pit              | NW Valley    | NE Valley   | South east  | Central Basin W | Central Basin E | South west  | Delta Serv Area |                |
| Grain                   | 14.5                    | 11.2         | 3.8         | 1.9         | 106.3           | 36.4            | 0.8         | 23.8            | 198.7          |
| Rice                    | 3.6                     | 3.0          | 0.0         | 0.7         | 203.8           | 307.3           | 1.1         | 0.7             | 520.2          |
| Cotton                  | 0.0                     | 0.0          | 0.0         | 0.0         | 4.2             | 0.0             | 0.0         | 0.0             | 4.2            |
| Sugar Beets             | 1.2                     | 0.3          | 0.4         | 0.0         | 13.0            | 7.1             | 0.0         | 6.2             | 28.2           |
| Corn                    | 0.0                     | 3.2          | 1.2         | 0.0         | 40.4            | 13.9            | 0.0         | 39.5            | 98.2           |
| Other Field             | 0.2                     | 3.6          | 4.4         | 0.0         | 81.2            | 50.0            | 0.0         | 37.3            | 176.7          |
| Alfalfa                 | 33.9                    | 9.2          | 1.6         | 3.2         | 60.5            | 12.0            | 0.3         | 11.9            | 132.6          |
| Pasture                 | 94.0                    | 44.9         | 22.7        | 77.3        | 27.0            | 49.7            | 5.9         | 16.9            | 338.4          |
| Tomatoes                | 0.0                     | 0.0          | 0.0         | 0.0         | 116.2           | 34.4            | 0.0         | 24.5            | 175.1          |
| Other Truck             | 0.8                     | 0.4          | 0.8         | 1.0         | 22.8            | 15.3            | 0.1         | 2.5             | 43.7           |
| Almond-Pistachio        | 0.0                     | 13.6         | 20.6        | 0.0         | 39.1            | 29.9            | 0.0         | 0.0             | 103.2          |
| Other Deciduous         | 0.1                     | 17.9         | 28.8        | 2.6         | 34.4            | 121.4           | 8.0         | 7.4             | 220.6          |
| Citrus-Olive            | 0.0                     | 22.6         | 0.3         | 2.4         | 1.9             | 3.0             | 0.0         | 0.0             | 30.2           |
| Grapes                  | 0.0                     | 0.0          | 0.0         | 1.0         | 5.0             | 0.3             | 5.9         | 6.4             | 18.6           |
| <b>Total Crop Acres</b> | <b>148.3</b>            | <b>129.9</b> | <b>84.6</b> | <b>90.1</b> | <b>755.8</b>    | <b>680.7</b>    | <b>22.1</b> | <b>177.1</b>    | <b>2,088.6</b> |
| Double Crop             | 0.0                     | 0.4          | 0.2         | 0.0         | 35.1            | 12.1            | 0.0         | 0.7             | 48.5           |
| <b>Total Land Acres</b> | <b>148.3</b>            | <b>129.5</b> | <b>84.4</b> | <b>90.1</b> | <b>720.7</b>    | <b>668.6</b>    | <b>22.1</b> | <b>176.4</b>    | <b>2,040.1</b> |

**Table 7 (cont.)**  
**1995 Crop Acreage by Planning Subarea**  
 (1,000 acres)

| Crop                    | San Joaquin River Region |                |              |              |                |               |               |                | Total          |
|-------------------------|--------------------------|----------------|--------------|--------------|----------------|---------------|---------------|----------------|----------------|
|                         | Sierra Foot              | E Valley Floor | Delta        | West Uplands | E Side Uplands | Valley E Side | Valley W Side | W Side Uplands |                |
| Grain                   | 0.0                      | 17.8           | 32.3         | 0.4          | 0.0            | 74.8          | 26.9          | 0.0            | 152.2          |
| Rice                    | 0.0                      | 4.9            | 0.0          | 0.0          | 0.0            | 10.4          | 7.3           | 0.0            | 22.6           |
| Cotton                  | 0.0                      | 0.0            | 0.0          | 0.0          | 0.0            | 71.2          | 116.6         | 0.0            | 187.8          |
| Sugar Beets             | 0.0                      | 7.9            | 8.6          | 0.0          | 0.0            | 6.1           | 14.8          | 0.0            | 37.4           |
| Corn                    | 0.0                      | 30.8           | 60.5         | 0.1          | 0.0            | 113.7         | 20.0          | 0.0            | 225.1          |
| Other Field             | 0.0                      | 26.2           | 38.2         | 5.1          | 0.8            | 21.4          | 44.2          | 0.0            | 135.9          |
| Alfalfa                 | 0.0                      | 14.4           | 43.0         | 3.0          | 0.0            | 104.3         | 68.5          | 0.0            | 233.2          |
| Pasture                 | 2.7                      | 48.0           | 10.2         | 0.7          | 1.0            | 125.6         | 14.9          | 0.0            | 203.1          |
| Tomatoes                | 0.0                      | 13.0           | 23.4         | 0.0          | 0.0            | 17.0          | 40.0          | 0.0            | 93.4           |
| Other Truck             | 0.1                      | 9.6            | 37.8         | 0.4          | 0.0            | 30.6          | 54.5          | 0.0            | 133.0          |
| Almond-Pistachio        | 0.0                      | 3.1            | 2.5          | 1.3          | 0.0            | 250.6         | 17.1          | 0.0            | 274.6          |
| Other Deciduous         | 3.1                      | 40.8           | 11.5         | 2.9          | 0.3            | 76.7          | 25.2          | 0.0            | 160.5          |
| Citrus-Olive            | 0.0                      | 0.0            | 0.0          | 0.0          | 0.0            | 6.7           | 0.6           | 0.0            | 7.3            |
| Grapes                  | 1.9                      | 63.0           | 1.5          | 0.6          | 0.1            | 124.7         | 1.5           | 0.0            | 193.3          |
| <b>Total Crop Acres</b> | <b>7.8</b>               | <b>279.5</b>   | <b>269.5</b> | <b>14.5</b>  | <b>2.2</b>     | <b>1033.8</b> | <b>452.1</b>  | <b>0.0</b>     | <b>2,059.4</b> |
| Double Crop             | 0.0                      | 11.7           | 8.0          | 0.4          | 0.0            | 44.8          | 17.5          | 0.0            | 82.4           |
| <b>Total Land Acres</b> | <b>7.8</b>               | <b>267.8</b>   | <b>261.5</b> | <b>14.1</b>  | <b>2.2</b>     | <b>989.0</b>  | <b>434.6</b>  | <b>0.0</b>     | <b>1,977.0</b> |

**Table 7 (cont.)**  
**1995 Crop Acreage by Planning Subarea**  
 (1,000 acres)

| Crop                    | Tulare Lake Region |               |                 |            | Total          |
|-------------------------|--------------------|---------------|-----------------|------------|----------------|
|                         | Kern Valley        | Kings-Kwh-Tle | San Luis W Side | Uplands    |                |
| Grain                   | 58.2               | 160.0         | 62.5            | 0.0        | 280.7          |
| Rice                    | 0.0                | 0.2           | 0.0             | 0.0        | 0.2            |
| Cotton                  | 299.4              | 440.0         | 281.7           | 0.0        | 1021.1         |
| Sugar Beets             | 7.6                | 8.3           | 5.0             | 0.0        | 20.9           |
| Corn                    | 6.8                | 156.5         | 1.9             | 0.0        | 165.2          |
| Other Field             | 19.5               | 76.2          | 32.0            | 0.0        | 127.7          |
| Alfalfa                 | 83.1               | 184.9         | 10.6            | 1.0        | 279.6          |
| Pasture                 | 3.3                | 28.9          | 0.5             | 2.0        | 34.7           |
| Tomatoes                | 5.7                | 3.9           | 88.2            | 0.0        | 97.8           |
| Other Truck             | 81.4               | 30.7          | 83.9            | 1.0        | 197.0          |
| Almond-Pistachio        | 108.0              | 57.3          | 20.9            | 0.0        | 186.2          |
| Other Deciduous         | 22.2               | 176.9         | 6.5             | 1.0        | 206.6          |
| Citrus-Olive            | 50.3               | 151.8         | 0.9             | 2.8        | 205.8          |
| Grapes                  | 91.6               | 290.7         | 5.7             | 0.0        | 388.0          |
| <b>Total Crop Acres</b> | <b>837.1</b>       | <b>1766.3</b> | <b>600.3</b>    | <b>7.8</b> | <b>3,211.5</b> |
| Double Crop             | 24.5               | 73.0          | 15.0            | 0.0        | 112.5          |
| <b>Total Land Acres</b> | <b>812.6</b>       | <b>1693.3</b> | <b>585.3</b>    | <b>7.8</b> | <b>3,099.0</b> |

**Table 7 (cont.)**  
**1995 Crop Acreage by Planning Subarea**  
**(1,000 acres)**

| Crop                    | North Lahontan Region |              |              | South Lahontan Region |              |              |                 |              | Total       |
|-------------------------|-----------------------|--------------|--------------|-----------------------|--------------|--------------|-----------------|--------------|-------------|
|                         | Lassen Group          | Alpine Group | Total        | Mono Owens            | Death Valley | Indian Wells | Antelope Valley | Mojave River |             |
| Grain                   | 5.3                   | 0.0          | 5.3          | 0.0                   | 0.0          | 0.0          | 2.7             | 0.2          | 2.9         |
| Rice                    | 0.4                   | 0.0          | 0.4          | 0.0                   | 0.0          | 0.0          | 0.0             | 0.0          | 0.0         |
| Cotton                  | 0.0                   | 0.0          | 0.0          | 0.0                   | 0.0          | 0.0          | 0.0             | 0.0          | 0.0         |
| Sugar Beets             | 0.2                   | 0.0          | 0.2          | 0.0                   | 0.0          | 0.0          | 0.0             | 0.0          | 0.0         |
| Corn                    | 0.1                   | 0.0          | 0.1          | 0.0                   | 0.0          | 0.0          | 0.1             | 0.0          | 0.1         |
| Other Field             | 0.0                   | 0.0          | 0.0          | 0.0                   | 0.0          | 0.0          | 0.5             | 0.7          | 1.2         |
| Alfalfa                 | 38.6                  | 3.4          | 42.0         | 9.6                   | 1.6          | 2.0          | 6.7             | 13.0         | 32.9        |
| Pasture                 | 66.8                  | 37.2         | 104.0        | 16.0                  | 0.2          | 0.1          | 0.3             | 1.0          | 17.6        |
| Tomatoes                | 0.0                   | 0.0          | 0.0          | 0.0                   | 0.0          | 0.0          | 0.0             | 0.0          | 0.0         |
| Other Truck             | 1.1                   | 0.0          | 1.1          | 0.7                   | 0.0          | 0.0          | 2.9             | 0.2          | 3.8         |
| Almond-Pistachio        | 0.0                   | 0.0          | 0.0          | 0.0                   | 0.0          | 0.0          | 0.0             | 0.0          | 0.0         |
| Other Deciduous         | 0.0                   | 0.0          | 0.0          | 0.0                   | 0.1          | 0.3          | 1.8             | 0.4          | 2.6         |
| Citrus-Olive            | 0.0                   | 0.0          | 0.0          | 0.0                   | 0.0          | 0.0          | 0.0             | 0.0          | 0.0         |
| Grapes                  | 0.0                   | 0.0          | 0.0          | 0.0                   | 0.0          | 0.0          | 0.0             | 0.0          | 0.0         |
| <b>Total Crop Acres</b> | <b>112.5</b>          | <b>40.6</b>  | <b>153.1</b> | <b>26.3</b>           | <b>1.9</b>   | <b>2.4</b>   | <b>15.0</b>     | <b>15.5</b>  | <b>61.1</b> |
| Double Crop             | 0.0                   | 0.0          | 0.0          | 0.0                   | 0.0          | 0.0          | 0.0             | 0.0          | 0.0         |
| <b>Total Land Acres</b> | <b>105.0</b>          | <b>40.8</b>  | <b>145.8</b> | <b>26.3</b>           | <b>1.9</b>   | <b>2.4</b>   | <b>15.0</b>     | <b>15.5</b>  | <b>61.1</b> |

**Table 7 (cont.)**  
**1995 Crop Acreage by Planning Subarea**  
**(1,000 acres)**

| Crop                    | Colorado River Region |             |                |             |            |              | Total        |
|-------------------------|-----------------------|-------------|----------------|-------------|------------|--------------|--------------|
|                         | 29.0 Palms            | Chuck-walla | Colorado River | Coachella   | Borrego    | Imperial     |              |
| Grain                   | 0.0                   | 0.0         | 14.9           | 0.6         | 0.2        | 64.5         | 80.2         |
| Rice                    | 0.0                   | 0.0         | 0.0            | 0.0         | 0.0        | 0.0          | 0.0          |
| Cotton                  | 0.0                   | 0.0         | 14.4           | 0.0         | 0.0        | 6.4          | 20.8         |
| Sugar Beets             | 0.0                   | 0.0         | 0.0            | 0.0         | 0.0        | 31.6         | 31.6         |
| Corn                    | 0.0                   | 0.0         | 1.7            | 5.5         | 0.4        | 4.7          | 12.3         |
| Other Field             | 0.1                   | 0.0         | 17.7           | 2.5         | 0.9        | 83.4         | 104.6        |
| Alfalfa                 | 2.5                   | 0.0         | 57.8           | 2.6         | 1.6        | 188.2        | 252.7        |
| Pasture                 | 0.0                   | 0.0         | 2.9            | 1.6         | 0.1        | 41.5         | 46.1         |
| Tomatoes                | 0.0                   | 0.0         | 0.4            | 0.4         | 0.1        | 2.0          | 2.9          |
| Other Truck             | 0.0                   | 1.0         | 20.6           | 20.4        | 3.7        | 91.7         | 137.4        |
| Almond-Pistachio        | 0.0                   | 0.0         | 0.0            | 0.0         | 0.0        | 0.0          | 0.0          |
| Other Deciduous         | 0.0                   | 0.0         | 0.0            | 0.4         | 0.1        | 0.3          | 0.8          |
| Citrus-Olive            | 0.2                   | 3.1         | 5.4            | 20.3        | 2.2        | 3.3          | 34.5         |
| Grapes                  | 0.8                   | 0.0         | 0.0            | 17.9        | 0.0        | 0.0          | 18.7         |
| <b>Total Crop Acres</b> | <b>3.6</b>            | <b>4.1</b>  | <b>135.8</b>   | <b>72.2</b> | <b>9.3</b> | <b>517.6</b> | <b>742.6</b> |
| Double Crop             | 0.0                   | 0.0         | 21.6           | 14.8        | 1.7        | 68.6         | 106.7        |
| <b>Total Land Acres</b> | <b>3.6</b>            | <b>4.1</b>  | <b>114.2</b>   | <b>57.4</b> | <b>7.6</b> | <b>449.0</b> | <b>635.9</b> |

**Table 8**  
**1995 Crop Acreage by Hydrologic Region**  
**(1,000 acres)**

| Crop                    | North Coast  | SF Bay      | Central Coast | South Coast  | Sac River      | SJR            | Tulare Lake    |
|-------------------------|--------------|-------------|---------------|--------------|----------------|----------------|----------------|
| Grain                   | 38.1         | 2.2         | 31.2          | 13.4         | 198.7          | 152.2          | 280.7          |
| Rice                    | 0.0          | 0.0         | 0.0           | 0.0          | 520.2          | 22.6           | 0.2            |
| Cotton                  | 0.0          | 0.0         | 0.0           | 0.0          | 4.2            | 187.8          | 1,021.1        |
| Sugar Beets             | 6.9          | 0.1         | 1.9           | 0.0          | 28.2           | 37.4           | 20.9           |
| Corn                    | 0.3          | 0.4         | 3.4           | 3.6          | 98.2           | 225.1          | 165.2          |
| Other Field             | 1.3          | 1.6         | 12.9          | 4.2          | 176.7          | 135.9          | 127.7          |
| Alfalfa                 | 56.7         | 0.2         | 10.4          | 9.0          | 132.6          | 233.2          | 279.6          |
| Pasture                 | 125.9        | 4.9         | 10.1          | 17.7         | 338.4          | 203.1          | 34.7           |
| Tomatoes                | 0.0          | 0.2         | 8.6           | 5.7          | 175.1          | 93.4           | 97.8           |
| Other Truck             | 20.3         | 8.8         | 431.6         | 86.7         | 43.7           | 133.0          | 197.0          |
| Almond-Pistachio        | 0.0          | 0.0         | 0.0           | 0.0          | 103.2          | 274.6          | 186.2          |
| Other Deciduous         | 6.7          | 6.1         | 20.0          | 3.5          | 220.6          | 160.5          | 206.6          |
| Citrus-Olive            | 0.0          | 0.0         | 14.9          | 157.4        | 30.2           | 7.3            | 205.8          |
| Grapes                  | 37.0         | 38.9        | 58.4          | 6.1          | 18.6           | 193.3          | 388.0          |
| <b>Total Crop Acres</b> | <b>293.2</b> | <b>63.4</b> | <b>603.4</b>  | <b>307.3</b> | <b>2,088.6</b> | <b>2,059.4</b> | <b>3,211.5</b> |
| Double Crop             | 0.0          | 0.0         | 173.6         | 32.1         | 48.5           | 82.4           | 112.5          |
| <b>Total Land Acres</b> | <b>293.2</b> | <b>63.4</b> | <b>429.8</b>  | <b>275.2</b> | <b>2,040.1</b> | <b>1,977.0</b> | <b>3,099.0</b> |

| Crop                    | North Lahontan | South Lahontan | Colorado River | Total         |
|-------------------------|----------------|----------------|----------------|---------------|
| Grain                   | 5.3            | 2.9            | 80.2           | 804.9         |
| Rice                    | 0.4            | 0.0            | 0.0            | 543.4         |
| Cotton                  | 0.0            | 0.0            | 20.8           | 1233.9        |
| Sugar Beets             | 0.2            | 0.0            | 31.6           | 127.2         |
| Corn                    | 0.1            | 0.1            | 12.3           | 508.7         |
| Other Field             | 0.0            | 1.2            | 104.6          | 566.1         |
| Alfalfa                 | 42.0           | 32.9           | 252.7          | 1049.3        |
| Pasture                 | 104.0          | 17.6           | 46.1           | 902.5         |
| Tomatoes                | 0.0            | 0.0            | 2.9            | 383.7         |
| Other Truck             | 1.1            | 3.8            | 137.4          | 1063.4        |
| Almond-Pistachio        | 0.0            | 0.0            | 0.0            | 564.0         |
| Other Deciduous         | 0.0            | 2.6            | 0.8            | 627.4         |
| Citrus-Olive            | 0.0            | 0.0            | 34.5           | 450.1         |
| Grapes                  | 0.0            | 0.0            | 18.7           | 759.0         |
| <b>Total Crop Acres</b> | <b>153.1</b>   | <b>61.1</b>    | <b>742.6</b>   | <b>9583.6</b> |
| Double Crop             | 0.0            | 0.0            | 106.7          | 555.8         |
| <b>Total Land Acres</b> | <b>153.1</b>   | <b>61.1</b>    | <b>635.9</b>   | <b>9027.8</b> |

**Table 9**  
**1995 Crop Acreage by County (1,000 acres)**

| County          | Grain        | Rice         | Cotton         | Sugar<br>Beets | Com          | Other<br>Field | Alfalfa        | Pasture      | Tomato       | Other<br>Truck | Al-Pist      | Other<br>Decid | Citrus<br>Olive | Vine         | Total          |
|-----------------|--------------|--------------|----------------|----------------|--------------|----------------|----------------|--------------|--------------|----------------|--------------|----------------|-----------------|--------------|----------------|
| Alameda         | 0.6          | 0.0          | 0.0            | 0.0            | 0.0          | 0.8            | 1.0            | 0.3          | 0.0          | 1.0            | 0.0          | 0.1            | 0.0             | 2.0          | 5.8            |
| Alpine          | 0.0          | 0.0          | 0.0            | 0.0            | 0.0          | 0.0            | 0.0            | 6.3          | 0.0          | 0.0            | 0.0          | 0.0            | 0.0             | 0.0          | 6.3            |
| Amador          | 0.4          | 0.0          | 0.0            | 0.3            | 0.3          | 0.4            | 0.4            | 1.8          | 0.0          | 0.2            | 0.0          | 0.5            | 0.0             | 1.6          | 5.9            |
| Butte           | 6.0          | 104.5        | 0.0            | 1.2            | 1.2          | 8.3            | 3.0            | 8.7          | 0.0          | 0.6            | 42.7         | 39.9           | 5.6             | 0.0          | 221.7          |
| Calaveras       | 0.0          | 0.0          | 0.0            | 0.0            | 0.0          | 0.1            | 0.0            | 0.9          | 0.0          | 0.1            | 0.0          | 0.7            | 0.0             | 0.3          | 2.1            |
| Colusa          | 21.6         | 129.1        | 3.4            | 3.3            | 4.6          | 27.0           | 7.5            | 4.1          | 31.5         | 15.7           | 20.1         | 9.2            | 0.1             | 1.2          | 278.4          |
| Contra Costa    | 4.8          | 0.0          | 0.0            | 0.0            | 8.6          | 3.9            | 3.8            | 6.7          | 4.2          | 2.5            | 0.0          | 6.1            | 0.0             | 0.8          | 41.4           |
| Del Norte       | 0.0          | 0.0          | 0.0            | 0.0            | 0.0          | 0.0            | 0.0            | 5.9          | 0.0          | 0.7            | 0.0          | 0.0            | 0.0             | 0.0          | 6.6            |
| El Dorado       | 0.0          | 0.0          | 0.0            | 0.0            | 0.0          | 0.0            | 0.0            | 2.1          | 0.0          | 0.2            | 0.0          | 2.4            | 0.0             | 0.9          | 5.6            |
| Fresno          | 69.1         | 6.3          | 371.9          | 20.3           | 22.1         | 31.6           | 86.0           | 16.9         | 98.0         | 114.0          | 51.1         | 71.0           | 30.3            | 219.0        | 1,207.6        |
| Glenn           | 27.2         | 85.0         | 0.8            | 3.1            | 12.9         | 12.6           | 16.5           | 25.9         | 0.0          | 2.7            | 17.9         | 15.4           | 5.2             | 1.3          | 226.5          |
| Humboldt        | 0.2          | 0.0          | 0.0            | 0.0            | 0.1          | 0.1            | 0.4            | 20.6         | 0.0          | 1.3            | 0.0          | 0.1            | 0.0             | 0.0          | 22.8           |
| Imperial        | 71.3         | 0.0          | 9.6            | 31.6           | 6.8          | 89.3           | 195.4          | 42.0         | 2.2          | 102.9          | 0.0          | 0.4            | 6.5             | 0.0          | 558.0          |
| Inyo            | 0.0          | 0.0          | 0.0            | 0.0            | 0.0          | 0.0            | 3.7            | 7.1          | 0.0          | 0.0            | 0.0          | 0.0            | 0.0             | 0.0          | 10.8           |
| Kern            | 58.1         | 0.0          | 300.4          | 7.6            | 6.8          | 19.7           | 88.7           | 4.9          | 5.7          | 83.2           | 107.6        | 23.6           | 44.3            | 88.7         | 839.3          |
| Kings           | 64.2         | 0.0          | 269.8          | 2.0            | 50.4         | 64.7           | 40.6           | 4.0          | 7.2          | 8.4            | 9.1          | 19.1           | 1.1             | 4.8          | 545.4          |
| Lake            | 0.6          | 1.1          | 0.0            | 0.0            | 0.0          | 0.0            | 0.3            | 5.6          | 0.0          | 0.1            | 0.0          | 7.9            | 0.0             | 3.7          | 19.3           |
| Lassen          | 6.7          | 0.6          | 0.0            | 0.7            | 0.1          | 0.0            | 33.4           | 65.6         | 0.0          | 1.4            | 0.0          | 0.0            | 0.0             | 0.0          | 108.5          |
| Los Angeles     | 1.8          | 0.0          | 0.0            | 0.0            | 0.3          | 0.3            | 4.2            | 0.6          | 0.0          | 6.5            | 0.0          | 1.7            | 2.1             | 0.0          | 17.5           |
| Madera          | 19.3         | 0.4          | 44.1           | 0.9            | 13.6         | 5.1            | 34.4           | 10.9         | 0.9          | 4.5            | 66.4         | 20.8           | 6.3             | 86.5         | 314.1          |
| Marin           | 0.0          | 0.0          | 0.0            | 0.0            | 0.0          | 0.0            | 0.0            | 0.8          | 0.0          | 0.3            | 0.0          | 0.0            | 0.0             | 0.0          | 1.1            |
| Mariposa        | 0.0          | 0.0          | 0.0            | 0.0            | 0.0          | 0.8            | 0.0            | 1.0          | 0.0          | 0.0            | 0.0          | 0.3            | 0.0             | 0.1          | 2.2            |
| Mendocino       | 0.0          | 0.0          | 0.0            | 0.0            | 0.0          | 0.1            | 0.0            | 6.3          | 0.0          | 0.6            | 0.0          | 4.1            | 0.0             | 12.5         | 23.6           |
| Merced          | 37.2         | 5.6          | 83.7           | 8.3            | 55.5         | 13.9           | 79.7           | 56.7         | 19.6         | 23.6           | 85.7         | 26.3           | 0.2             | 17.9         | 513.9          |
| Modoc           | 21.9         | 0.9          | 0.0            | 4.7            | 0.0          | 0.0            | 41.7           | 90.9         | 0.0          | 7.0            | 0.0          | 0.0            | 0.0             | 0.0          | 167.1          |
| Mono            | 0.0          | 0.0          | 0.0            | 0.0            | 0.0          | 0.0            | 9.8            | 39.7         | 0.0          | 0.7            | 0.0          | 0.0            | 0.0             | 0.0          | 50.2           |
| Monterey        | 8.1          | 0.0          | 0.0            | 1.1            | 0.0          | 4.1            | 1.6            | 0.0          | 3.1          | 252.2          | 0.0          | 0.7            | 1.1             | 30.4         | 302.4          |
| Napa            | 0.2          | 0.0          | 0.0            | 0.0            | 0.0          | 0.0            | 0.0            | 0.8          | 0.0          | 0.3            | 0.0          | 0.3            | 0.0             | 31.2         | 32.8           |
| Nevada          | 0.0          | 0.0          | 0.0            | 0.0            | 0.0          | 0.0            | 0.0            | 7.2          | 0.0          | 0.2            | 0.0          | 0.3            | 0.0             | 0.2          | 7.9            |
| Orange          | 0.1          | 0.0          | 0.0            | 0.0            | 1.2          | 0.9            | 0.0            | 0.4          | 1.0          | 8.2            | 0.0          | 0.0            | 3.3             | 0.0          | 15.1           |
| Placer          | 1.5          | 17.4         | 0.0            | 0.0            | 0.6          | 0.4            | 0.0            | 21.5         | 0.0          | 0.3            | 0.0          | 3.1            | 0.0             | 0.1          | 44.9           |
| Plumas          | 1.3          | 0.0          | 0.0            | 0.0            | 0.0          | 0.0            | 3.1            | 31.1         | 0.0          | 0.3            | 0.0          | 0.0            | 0.0             | 0.0          | 35.8           |
| Riverside       | 19.1         | 0.0          | 10.6           | 0.0            | 6.2          | 16.4           | 60.0           | 11.9         | 0.8          | 43.7           | 0.0          | 1.0            | 56.9            | 20.7         | 247.3          |
| Sacramento      | 12.5         | 9.8          | 0.0            | 7.0            | 36.9         | 17.9           | 5.5            | 43.1         | 10.7         | 2.8            | 0.2          | 7.5            | 0.0             | 8.0          | 161.9          |
| San Benito      | 10.0         | 0.0          | 0.0            | 0.5            | 0.6          | 2.7            | 1.7            | 1.1          | 2.5          | 19.9           | 0.0          | 7.2            | 0.0             | 2.1          | 48.3           |
| San Bernardino  | 2.7          | 0.0          | 0.6            | 0.0            | 0.7          | 2.5            | 19.6           | 5.2          | 0.0          | 3.5            | 0.0          | 1.1            | 6.1             | 3.9          | 45.9           |
| San Diego       | 0.4          | 0.0          | 0.0            | 0.0            | 0.3          | 0.1            | 0.3            | 3.0          | 2.5          | 13.1           | 0.0          | 2.1            | 58.2            | 0.2          | 80.2           |
| San Joaquin     | 44.0         | 5.2          | 0.0            | 15.2           | 83.8         | 72.2           | 59.8           | 34.8         | 32.6         | 50.1           | 42.0         | 55.4           | 0.0             | 65.6         | 560.7          |
| San Luis Obispo | 2.6          | 0.0          | 0.0            | 0.0            | 0.2          | 0.2            | 4.2            | 2.8          | 0.2          | 44.1           | 0.0          | 3.2            | 3.1             | 13.2         | 73.8           |
| San Mateo       | 0.0          | 0.0          | 0.0            | 0.0            | 0.0          | 0.2            | 0.0            | 0.3          | 0.0          | 5.2            | 0.0          | 0.0            | 0.0             | 0.0          | 5.7            |
| Santa Barbara   | 6.6          | 0.0          | 0.0            | 0.0            | 0.8          | 4.7            | 2.7            | 4.3          | 0.6          | 91.3           | 0.0          | 2.0            | 10.7            | 11.6         | 135.3          |
| Santa Clara     | 4.8          | 0.0          | 0.0            | 0.3            | 2.2          | 1.5            | 0.4            | 1.2          | 2.2          | 7.8            | 0.0          | 4.7            | 0.0             | 1.0          | 26.1           |
| Santa Cruz      | 0.0          | 0.0          | 0.0            | 0.0            | 0.0          | 0.2            | 0.0            | 0.8          | 0.0          | 17.5           | 0.0          | 3.8            | 0.0             | 0.2          | 22.5           |
| Shasta          | 9.5          | 2.5          | 0.0            | 0.5            | 0.0          | 0.4            | 5.6            | 39.8         | 0.0          | 0.9            | 0.1          | 1.6            | 0.9             | 0.0          | 61.8           |
| Sierra          | 0.4          | 0.0          | 0.0            | 0.0            | 0.0          | 0.0            | 0.7            | 11.8         | 0.0          | 0.0            | 0.0          | 0.0            | 0.0             | 0.0          | 12.9           |
| Siskiyou        | 20.4         | 0.0          | 0.0            | 2.4            | 0.2          | 0.1            | 48.1           | 75.7         | 0.0          | 9.8            | 0.0          | 0.1            | 0.0             | 0.0          | 156.8          |
| Solano          | 38.6         | 0.0          | 0.0            | 6.9            | 21.4         | 26.5           | 25.4           | 18.6         | 22.7         | 1.4            | 1.4          | 11.6           | 0.0             | 2.3          | 176.8          |
| Sonoma          | 0.9          | 0.0          | 0.0            | 0.0            | 0.0          | 1.0            | 0.0            | 9.5          | 0.0          | 1.3            | 0.0          | 2.5            | 0.0             | 31.0         | 46.2           |
| Stanislaus      | 36.6         | 3.1          | 0.0            | 0.1            | 51.5         | 31.2           | 42.6           | 64.0         | 20.0         | 33.3           | 78.7         | 46.7           | 0.6             | 15.1         | 423.5          |
| Sutter          | 22.1         | 110.0        | 0.0            | 3.6            | 3.5          | 33.5           | 5.8            | 8.2          | 31.8         | 10.1           | 3.4          | 56.6           | 0.1             | 0.0          | 288.7          |
| Tehama          | 9.1          | 2.6          | 0.0            | 0.0            | 2.3          | 2.9            | 5.2            | 30.5         | 0.0          | 0.6            | 7.5          | 25.9           | 18.3            | 0.0          | 104.9          |
| Trinity         | 0.0          | 0.0          | 0.0            | 0.0            | 0.0          | 0.0            | 0.2            | 1.1          | 0.0          | 0.0            | 0.0          | 0.0            | 0.0             | 0.0          | 1.3            |
| Tulare          | 98.0         | 0.0          | 139.0          | 1.9            | 89.2         | 17.9           | 78.9           | 10.0         | 1.0          | 10.5           | 20.0         | 94.0           | 130.3           | 75.6         | 766.3          |
| Tuolumne        | 0.0          | 0.0          | 0.0            | 0.0            | 0.0          | 0.0            | 0.0            | 1.4          | 0.0          | 0.0            | 0.0          | 0.2            | 0.0             | 0.0          | 1.6            |
| Ventura         | 0.1          | 0.0          | 0.0            | 0.0            | 0.5          | 0.3            | 0.4            | 2.1          | 2.1          | 48.6           | 0.0          | 0.2            | 58.8            | 0.0          | 113.1          |
| Yolo            | 43.4         | 24.3         | 0.0            | 3.7            | 22.4         | 49.1           | 26.0           | 9.8          | 80.6         | 7.8            | 8.6          | 15.0           | 0.0             | 4.8          | 295.5          |
| Yuba            | 0.9          | 35.0         | 0.0            | 0.0            | 0.9          | 0.5            | 1.0            | 14.2         | 0.0          | 0.4            | 1.5          | 31.0           | 0.0             | 0.5          | 85.9           |
| <b>Total</b>    | <b>804.9</b> | <b>543.4</b> | <b>1,233.9</b> | <b>127.2</b>   | <b>508.7</b> | <b>566.1</b>   | <b>1,049.3</b> | <b>902.5</b> | <b>383.7</b> | <b>1,063.4</b> | <b>564.0</b> | <b>627.4</b>   | <b>450.1</b>    | <b>759.0</b> | <b>9,583.6</b> |

**Table 10**  
**1995 Irrigated Crop Acreage Compared with 1994**  
 (1,000 acres)

| Crop                         | Acreage (1,000 acres) |                | Change      |           |
|------------------------------|-----------------------|----------------|-------------|-----------|
|                              | 1994                  | 1995           | 1,000 acres | Percent   |
| Grain                        | 861.5                 | 804.9          | -56.6       | -7%       |
| Rice                         | 554.4                 | 543.4          | -11.0       | -2%       |
| Cotton                       | 1,212.0               | 1,233.9        | 21.9        | 2%        |
| Sugar Beets                  | 163.0                 | 127.2          | -35.8       | -22%      |
| Corn                         | 453.5                 | 508.7          | 55.2        | 12%       |
| Other Field                  | 513.8                 | 566.1          | 52.3        | 10%       |
| Alfalfa                      | 1,086.7               | 1,049.3        | -37.4       | -3%       |
| Pasture                      | 897.0                 | 902.5          | 5.5         | 1%        |
| Tomatoes                     | 366.3                 | 383.7          | 17.4        | 5%        |
| Other Truck                  | 1,052.2               | 1,063.4        | 11.2        | 1%        |
| Almond-Pistachio             | 533.0                 | 564.0          | 31.0        | 6%        |
| Other Deciduous              | 604.0                 | 627.4          | 23.4        | 4%        |
| Citrus-Olive                 | 449.7                 | 450.1          | 0.4         | 0%        |
| Grapes                       | 737.0                 | 759.0          | 22.0        | 3%        |
| <b>Total Crop Acres</b>      | <b>9,484.1</b>        | <b>9,583.6</b> | <b>99.5</b> | <b>1%</b> |
| Double Crop                  | 464.6                 | 555.8          | 91.2        | 20%       |
| <b>Total Irrigated Acres</b> | <b>9,019.5</b>        | <b>9,027.8</b> | <b>8.3</b>  | <b>0%</b> |

## Water Use and Supplies

Water use in 1995 for urban, agricultural, environmental, and other sectors is tabulated in Tables 16 - 18. See Tables 21 - 24 for the net and applied water budget data.

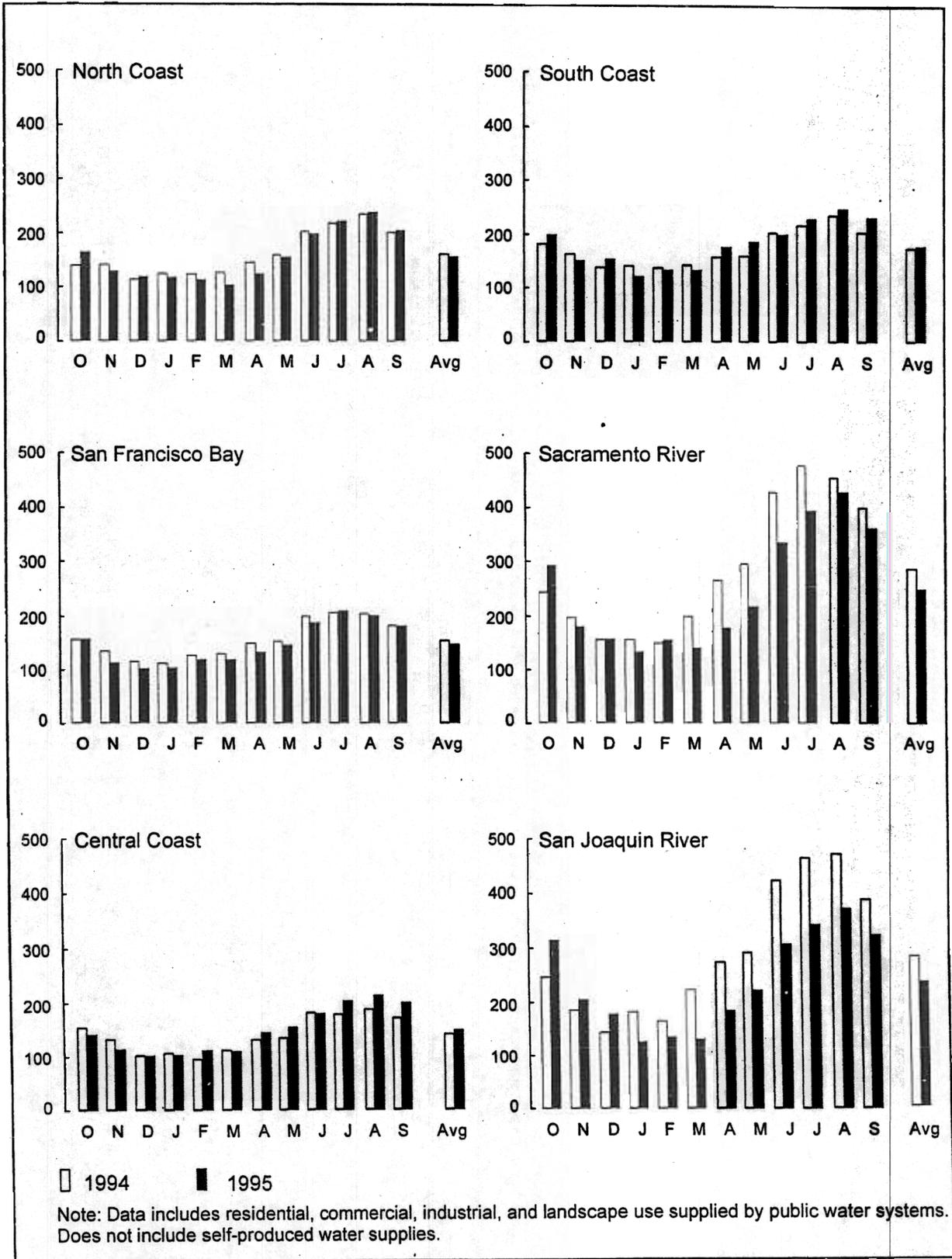
Urban water production is water produced for all urban needs including residential, commercial, industrial, and landscape uses. It is primarily measured at the intake of the water supplier's system and is equivalent to the amount of water delivered to customers plus losses from the delivery system. Urban water production data were analyzed on a per capita basis. For a defined service area, applied water is divided by the population to compute per capita production. Figure 5 compares monthly per capita production for 1995 to the 1994 average by hydrologic region. Per capita production during 1995 was the same as the year before (see Table 12).

Environmental water use consists of: 1) instream fish flows, 2) Wild and Scenic rivers flows, 3) required Delta outflow (D1485 and WR 95-6), and 4) wetlands water use. Instream fish flows consist of the actual flows released by project operators to meet the requirements of existing water rights permits, court decisions, congressional directives, and laws or agreements between government agencies. Instream flow requirements generally vary by year type; since 1995 was above normal, actual instream flows are higher than 1994 levels (see Table 11). Wild and Scenic flows were estimated at 37,635,000 acre-feet (see Table 13). For 1995, the number of Wild and Scenic rivers shown in Table 13 has been expanded from prior annual reports to correspond to the rivers and streams reported in Bulletin 160-98. The 1995 Delta outflow as required under D1485 and WR 95-6 was estimated using DAYFLOW daily data, operational data for the Delta condition of balance or surplus, and the criteria for a wet year in the Delta (see Table 14). Dedicated natural flows for 1995 totaled 44,684,000 acre-feet. Wetlands use for 1995 is tabulated in Table 15.

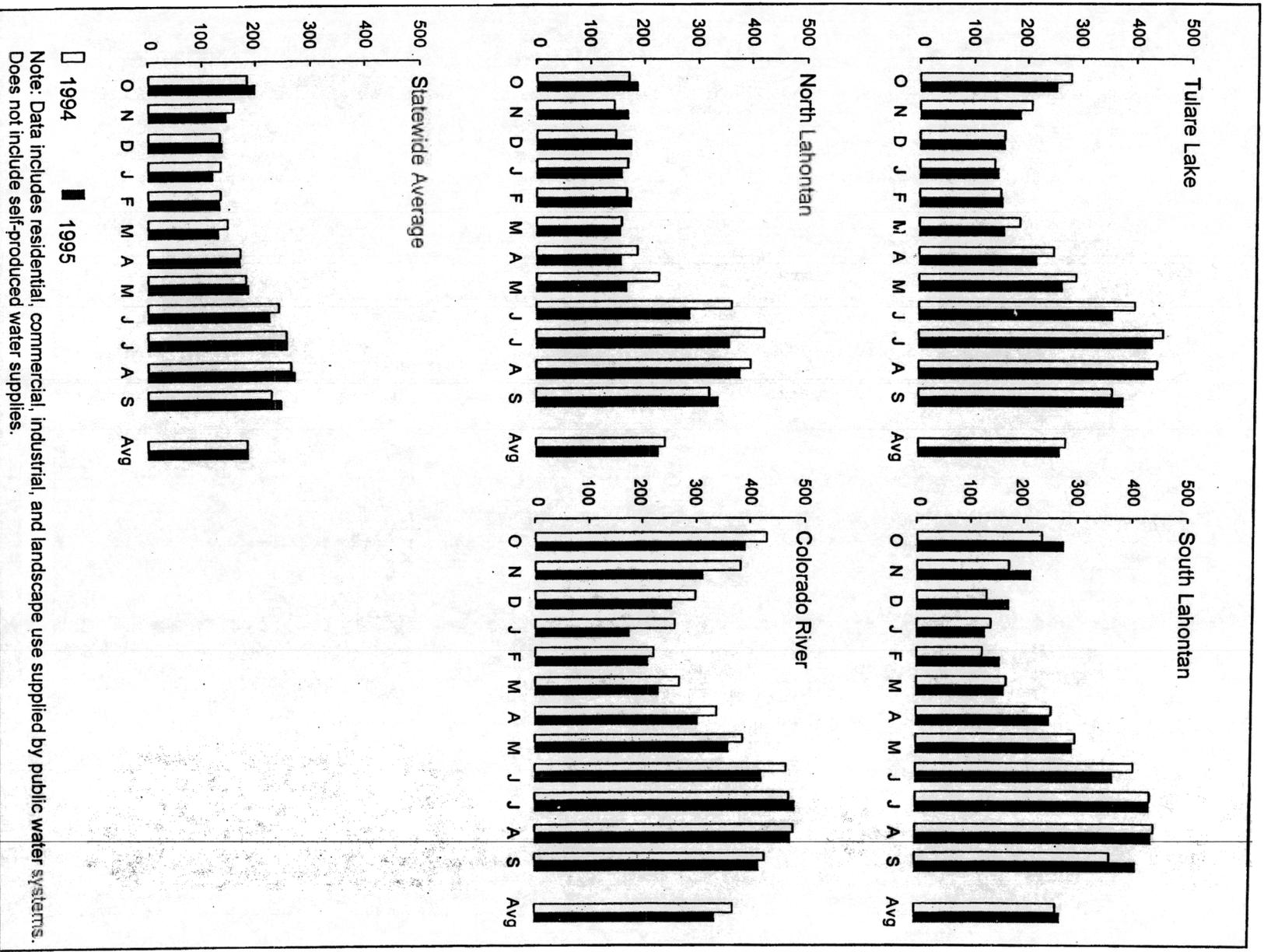
**Table 11**  
**1995 Instream Fish Flows**  
(1,000 acre-feet)

| River        | Applied Water | Net Water | Depletion | River        | Applied Water  | Net Water      | Depletion      |
|--------------|---------------|-----------|-----------|--------------|----------------|----------------|----------------|
| Klamath      | 777.1         | 777.1     | 777.1     | Yuba         | 280.3          | 173.7          | 0.0            |
| Trinity      | 340.1         | 340.1     | 340.1     | Bear         | 14.1           | 14.1           | 0.0            |
| Mad          | 47.2          | 47.2      | 47.2      | American     | 1,501.2        | 1,501.2        | 0.0            |
| Eel          | 57.9          | 50.1      | 0.0       | Mokelumne    | 170.4          | 96.8           | 0.0            |
| Russian      | 164.6         | 89.8      | 89.8      | Stanislaus   | 246.5          | 246.5          | 0.0            |
| Lagunitas    | 10.7          | 10.7      | 10.7      | Tuolumne     | 87.8           | 87.8           | 0.0            |
| Walker Creek | 8.5           | 8.5       | 8.5       | Merced       | 85.1           | 85.1           | 0.0            |
| Carmel       | 3.8           | 0.0       | 0.0       | Vernalis     | 61.6           | 61.6           | 0.0            |
| Nacimiento   | 16.6          | 0.0       | 0.0       | Truckee      | 55.4           | 55.4           | 55.4           |
| Piru         | 3.6           | 0.0       | 0.0       | Mono         | 160.5          | 160.5          | 160.5          |
| Sacramento   | 2,064.6       | 2,064.6   | 0.0       | East Walker  | 14.5           | 14.5           | 14.5           |
| Clear Creek  | 57.8          | 57.8      | 0.0       | Owens        | 31.1           | 0.0            | 0.0            |
| Cache Creek  | 6.8           | 0.0       | 0.0       |              |                |                |                |
| Putah Creek  | 7.0           | 0.0       | 0.0       |              |                |                |                |
| Feather      | 795.1         | 795.1     | 0.0       | <b>Total</b> | <b>7,069.9</b> | <b>6,738.2</b> | <b>1,503.8</b> |

**Figure 5**  
**Per Capita Water Production by Hydrologic Region**  
**Water Years 1994 and 1995**  
**(Gallons Per Capita Daily)**



**Figure 5 (cont.)**  
**Per Capita Water Production by Hydrologic Region**  
**Water years 1994 and 1995**  
**(Gallons Per Capita Daily)**



□ 1994    ■ 1995  
 Note: Data includes residential, commercial, industrial, and landscape use supplied by public water systems.  
 Does not include self-produced water supplies.

**Table 12**  
**Per Capita Water Production by Region**  
**(GPCD)**

| Hydrologic Region        | 1994       | 1995       |
|--------------------------|------------|------------|
| North Coast              | 162        | 158        |
| San Francisco Bay        | 154        | 146        |
| Central Coast            | 142        | 148        |
| South Coast              | 173        | 180        |
| Sacramento River         | 282        | 245        |
| San Joaquin River        | 286        | 234        |
| Tulare Lake              | 275        | 261        |
| North Lahontan           | 237        | 224        |
| South Lahontan           | 260        | 272        |
| Colorado River           | 366        | 334        |
| <b>Statewide Average</b> | <b>186</b> | <b>186</b> |

**Table 13**  
**1995 Wild and Scenic River Flows**

| River          | Average       | 1995 Flows |               |
|----------------|---------------|------------|---------------|
|                | (1,000 af)    | % of avg   | (1,000 af)    |
| Smith          | 2,920         | 125        | 3,659         |
| Klamath        | 9,070         | 135        | 12,217        |
| Eel            | 5,810         | 173        | 10,034        |
| Big Sur        | 83            | 191        | 158           |
| Sisquoc        | 15            | 192        | 29            |
| Sespe          | 69            | 335        | 231           |
| MF Feather     | 1,129         | 200        | 2,260         |
| NF American    | 584           | 200        | 1,168         |
| Lower American | 20            | 200        | 40            |
| Tuolumne       | 1,192         | 208        | 2,484         |
| Merced         | 782           | 224        | 1,750         |
| Kings          | 896           | 202        | 1,810         |
| NF Kern        | 628           | 175        | 1,098         |
| SF Kern        | 90            | 175        | 157           |
| EF Carson      | 71            | 203        | 144           |
| W Walker       | 200           | 197        | 394           |
| <b>Total</b>   | <b>23,559</b> |            | <b>37,635</b> |

**Table 14**  
**1995 Delta Outflow**  
**(1,000 acre-feet)**

| Month     | Total         | D1485/<br>WR 95-1 |
|-----------|---------------|-------------------|
| OCT       | 200           | 200               |
| NOV       | 319           | 319               |
| DEC       | 592           | 397               |
| JAN       | 6,609         | 2,352             |
| FEB       | 4,045         | 3,459             |
| MAR       | 12,337        | 3,466             |
| APR       | 5,407         | 4,387             |
| MAY       | 6,033         | 4,083             |
| JUN       | 2,786         | 2,229             |
| JUL       | 1,652         | 708               |
| AUG       | 673           | 324               |
| SEP       | 1,172         | 433               |
| <b>WY</b> | <b>41,826</b> | <b>22,356</b>     |

NOTE: Total is Delta outflow from DAYFLOW.  
D1485/WR95-1 is the estimated portion of the  
total required under D1485 or WR95-1 standards.

**Table 15**  
**1995 Wetlands Water Use**  
**(1,000 acre-feet)**

| Wetland                                    | Applied Water | Net Water Depletion | Wetland                                    | Applied Water                           | Net Water Depletion |                |              |
|--|---------------|---------------------|--|---|---------------------|----------------|--------------|
| <b>North Coast Hydrologic Region</b>       |               |                     | <b>San Francisco Bay Hydrologic Region</b> |   |                     |                |              |
| Lower Klamath NWR                          | 90.1          | 90.1                | 51.4                                       | Susuin Marsh                            | 150.0               | 150.0          | 150.0        |
| Clear Lake NWR                             | 63.7          | 63.7                | 63.7                                       | Hayward Marsh                           | 10.0                | 10.0           | 10.0         |
| Tule Lake NWR                              | 140.5         | 140.5               | 47.6                                       | <b>Tulare Lake Hydrologic Region</b>    |                     |                |              |
| Butte Valley WA                            | 10.2          | 10.2                | 10.2                                       | Kern NWR                                | 22.4                | 13.0           | 13.0         |
| Shasta Valley WA                           | 3.9           | 2.7                 | 2.0  | Tulare Basin Private                    | 5.4                 | 4.0            | 4.0          |
| Arcata Marsh                               | 2.0           | 2.0                 | 2.0  | Pixley NWR                              | 3.4                 | 2.5            | 2.5          |
| <b>Sacramento River Hydrologic Region</b>  |               |                     | Mendota WA                                 | 24.3                                    | 12.0                | 12.0           |              |
| Modoc NWR                                  | 19.5          | 17.2                | 15.2                                       | <b>South Coast Hydrologic Region</b>    |                     |                |              |
| Ash Creek                                  | 12.9          | 12.2                | 12.2                                       | San Jacinto                             | 1.5                 | 0.6            | 0.6          |
| Sacramento NWR                             | 43.0          | 43.0                | 18.0                                       | Temescal Creek                          | 1.8                 | 0.9            | 0.9          |
| Colusa NWR                                 | 19.0          | 19.0                | 9.0  | Santee Lakes                            | 1.0                 | 1.0            | 1.0          |
| Delevan NWR                                | 24.0          | 24.0                | 12.0                                       | Sepulveda Pond                          | 6.0                 | 6.0            | 6.0          |
| Colusa Basin Private                       | 146.5         | 112.2               | 58.4                                       | Lake Balboa                             | 12.5                | 12.5           | 12.5         |
| Gray Lodge WA                              | 44.0          | 38.0                | 21.0                                       | Research Facility                       | 1.9                 | 1.0            | 1.0          |
| Upper Butte Basin                          | 56.0          | 49.0                | 27.0                                       | Sepulveda Garden                        | 5.0                 | 5.0            | 5.0          |
| Butte Basin Private                        | 94.0          | 69.9                | 24.0                                       | <b>North Lahontan Hydrologic Region</b> |                     |                |              |
| Butte Sink NWR                             | 2.2           | 1.6                 | 0.8  | Honey Lake WA                           | 14.3                | 14.3           | 14.3         |
| Sutter NWR                                 | 9.1           | 4.8                 | 2.7  | Honey Lake Prvt                         | 1.2                 | 1.2            | 1.2          |
| American Basin                             | 30.7          | 18.4                | 8.6  | Willow Creek WA                         | 2.5                 | 2.5            | 2.5          |
| Sutter Basin                               | 15.8          | 7.6                 | 4.0  | <b>Colorado River Hydrologic Region</b> |                     |                |              |
| Yolo Bypass                                | 8.0           | 8.0                 | 2.0  | Salton Sea NWR                          | 5.0                 | 5.0            | 5.0          |
| Sherman Island                             | 9.3           | 9.3                 | 1.9  | Imperial WA                             | 28.7                | 28.7           | 28.7         |
| Colusa Basin                               | 3.1           | 0.8                 | 0.8  | Private                                 | 5.4                 | 5.4            | 5.4          |
| Yolo Basin                                 | 24.0          | 21.7                | 6.2  | <b>Total</b>                            |                     |                |              |
| Butte Basin                                | 30.9          | 23.8                | 9.2  |   | <b>1,517.1</b>      | <b>1,275.3</b> | <b>846.1</b> |
| Stone Lakes                                | 40.0          | 40.0                | 10.0                                       |   |                     |                |              |
| <b>San Joaquin River Hydrologic Region</b> |               |                     |  |   |                     |                |              |
| Delta Basin                                | 23.0          | 23.0                | 4.0  |   |                     |                |              |
| Cosumnes River                             | 1.0           | 1.0                 | 0.6  |   |                     |                |              |
| San Luis NWR                               | 16.8          | 8.0                 | 8.0  |   |                     |                |              |
| Volta WA                                   | 11.0          | 6.0                 | 6.0  |   |                     |                |              |
| Los Banos WA                               | 20.2          | 12.0                | 12.0                                       |   |                     |                |              |
| Kesterson NWR                              | 10.1          | 5.0                 | 5.0  |   |                     |                |              |
| Grassland RCD                              | 167.3         | 100.0               | 100.0                                      |   |                     |                |              |
| North Grasslands WA                        | 11.6          | 8.0                 | 8.0  |   |                     |                |              |
| Merced NWR                                 | 11.4          | 7.0                 | 7.0  |   |                     |                |              |

**Table 16**  
**1995 Water Use in California by Planning Subarea**  
 (1,000 acre-feet)

| Water Use Category | Analysis      | North Coast Region |               |         |               |          | SF Bay Region |           |          |
|--------------------|---------------|--------------------|---------------|---------|---------------|----------|---------------|-----------|----------|
|                    |               | Upper Klamath      | Lower Klamath | Coastal | Russian River | NC Total | North Bay     | South Bay | SF Total |
| Urban              | Applied Water | 10                 | 10            | 30      | 75            | 125      | 148           | 868       | 1,017    |
|                    | Net Water Use | 10                 | 10            | 30      | 75            | 125      | 148           | 868       | 1,017    |
|                    | Depletion     | 8                  | 7             | 25      | 23            | 62       | 126           | 825       | 951      |
| Agriculture        | Applied Water | 572                | 34            | 61      | 69            | 735      | 58            | 39        | 97       |
|                    | Net Water Use | 354                | 29            | 53      | 65            | 502      | 50            | 35        | 85       |
|                    | Depletion     | 412                | 24            | 46      | 60            | 542      | 46            | 32        | 78       |
| Envmntl            | Applied Water | 308                | 16,993        | 10,141  | 165           | 27,607   | 22,525        | 10        | 22,535   |
|                    | Net Water Use | 307                | 16,993        | 10,133  | 90            | 27,523   | 22,525        | 10        | 22,535   |
|                    | Depletion     | 175                | 16,993        | 10,083  | 90            | 27,341   | 22,525        | 10        | 22,535   |
| Other              | Applied Water | 60                 | 3             | 1       | 0             | 63       | 3             | 13        | 15       |
|                    | Net Water Use | 33                 | 0             | 0       | 0             | 33       | 3             | 13        | 15       |
|                    | Depletion     | 11                 | 0             | 0       | 0             | 11       | 0             | 1         | 1        |
| Total              | Applied Water | 950                | 17,039        | 10,233  | 308           | 28,530   | 22,734        | 930       | 23,664   |
|                    | Net Water Use | 705                | 17,032        | 10,216  | 230           | 28,182   | 22,726        | 925       | 23,652   |
|                    | Depletion     | 605                | 17,024        | 10,154  | 173           | 27,956   | 22,698        | 867       | 23,565   |

**Table 16 (cont.)**  
**1995 Water Use in California by Planning Subarea**  
 (1,000 acre-feet)

| Water Use Category | Analysis      | Central Coast  |                |          | South Coast Region |          |           |           |          |
|--------------------|---------------|----------------|----------------|----------|--------------------|----------|-----------|-----------|----------|
|                    |               | N. Cent. Coast | S. Cent. Coast | CC Total | Santa Clara        | Metro LA | Santa Ana | San Diego | SC Total |
| Urban              | Applied Water | 146            | 107            | 253      | 196                | 1,511    | 1,042     | 545       | 3,294    |
|                    | Net Water Use | 127            | 85             | 212      | 167                | 1,451    | 830       | 537       | 2,985    |
|                    | Depletion     | 115            | 68             | 182      | 164                | 1,355    | 707       | 520       | 2,745    |
| Agriculture        | Applied Water | 817            | 395            | 1,212    | 252                | 15       | 230       | 249       | 746      |
|                    | Net Water Use | 608            | 319            | 926      | 220                | 13       | 188       | 238       | 658      |
|                    | Depletion     | 604            | 319            | 923      | 220                | 13       | 188       | 238       | 658      |
| Envmntl            | Applied Water | 162            | 45             | 208      | 235                | 24       | 5         | 1         | 264      |
|                    | Net Water Use | 158            | 0              | 158      | 0                  | 24       | 3         | 1         | 27       |
|                    | Depletion     | 158            | 0              | 158      | 0                  | 24       | 3         | 1         | 27       |
| Other              | Applied Water | 0              | 16             | 16       | 22                 | 176      | 113       | 43        | 353      |
|                    | Net Water Use | 0              | 16             | 16       | 22                 | 176      | 113       | 43        | 353      |
|                    | Depletion     | 0              | 16             | 16       | 22                 | 176      | 113       | 43        | 353      |
| Total              | Applied Water | 1,125          | 563            | 1,688    | 704                | 1,725    | 1,390     | 838       | 4,657    |
|                    | Net Water Use | 893            | 419            | 1,312    | 408                | 1,663    | 1,133     | 819       | 4,024    |
|                    | Depletion     | 877            | 402            | 1,279    | 405                | 1,567    | 1,010     | 801       | 3,783    |

Table 16 (cont.)

## 1995 Water Use in California by Planning Subarea

(1,000 acre-feet)

| Water Use Category Analysis |               | Sacramento River Region |           |           |                 |                 |            |            |          | SR Total |
|-----------------------------|---------------|-------------------------|-----------|-----------|-----------------|-----------------|------------|------------|----------|----------|
|                             |               | Shasta Pit              | NW Valley | NE Valley | Central Basin W | Central Basin E | South East | South West | Delta SA |          |
| Urban                       | Applied Water | 10                      | 48        | 53        | 69              | 435             | 66         | 8          | 21       | 709      |
|                             | Net Water Use | 10                      | 48        | 53        | 69              | 435             | 66         | 8          | 21       | 709      |
|                             | Depletion     | 6                       | 21        | 26        | 25              | 155             | 27         | 4          | 7        | 272      |
| Agriculture                 | Applied Water | 390                     | 417       | 259       | 2,541           | 2,959           | 287        | 70         | 485      | 7,407    |
|                             | Net Water Use | 331                     | 381       | 223       | 1,876           | 2,423           | 257        | 60         | 408      | 5,957    |
|                             | Depletion     | 304                     | 314       | 206       | 1,703           | 1,847           | 212        | 55         | 326      | 4,967    |
| Envmntl                     | Applied Water | 2,097                   | 58        | 0         | 267             | 2,118           | 4,223      | 7          | 57       | 8,827    |
|                             | Net Water Use | 2,094                   | 58        | 0         | 221             | 1,942           | 4,223      | 0          | 57       | 8,595    |
|                             | Depletion     | 27                      | 0         | 0         | 104             | 97              | 0          | 0          | 14       | 243      |
| Other                       | Applied Water | 30                      | 57        | 31        | 202             | 164             | 52         | 7          | 0        | 543      |
|                             | Net Water Use | 0                       | 40        | 14        | 133             | 65              | 34         | 0          | 0        | 285      |
|                             | Depletion     | 0                       | 7         | 2         | 25              | 19              | 2          | 0          | 0        | 55       |
| Total                       | Applied Water | 2,527                   | 580       | 343       | 3,079           | 5,676           | 4,629      | 91         | 562      | 17,487   |
|                             | Net Water Use | 2,434                   | 526       | 290       | 2,298           | 4,865           | 4,580      | 68         | 486      | 15,546   |
|                             | Depletion     | 338                     | 342       | 235       | 1,857           | 2,119           | 242        | 59         | 347      | 5,537    |

Table 16 (cont.)

## 1995 Water Use in California by Planning Subarea

(1,000 acre-feet)

| Water Use Category Analysis |               | San Joaquin River Region |                 |                |                 |                |               |               | SJ Total |
|-----------------------------|---------------|--------------------------|-----------------|----------------|-----------------|----------------|---------------|---------------|----------|
|                             |               | Sierra Foothill          | Eastern Vly Flr | Delta Srv Area | Western Uplands | E Side Uplands | Valley E Side | Valley W Side |          |
| Urban                       | Applied Water | 42                       | 93              | 40             | 39              | 16             | 303           | 22            | 555      |
|                             | Net Water Use | 42                       | 93              | 40             | 39              | 9              | 166           | 12            | 401      |
|                             | Depletion     | 13                       | 28              | 12             | 12              | 9              | 148           | 12            | 233      |
| Agriculture                 | Applied Water | 22                       | 941             | 693            | 38              | 6              | 3,272         | 1,390         | 6,362    |
|                             | Net Water Use | 18                       | 853             | 604            | 32              | 4              | 3,025         | 1,324         | 5,859    |
|                             | Depletion     | 15                       | 632             | 486            | 27              | 4              | 2,373         | 1,068         | 4,605    |
| Envmntl                     | Applied Water | 2,572                    | 480             | 23             | 0               | 1,750          | 97            | 237           | 5,158    |
|                             | Net Water Use | 2,572                    | 406             | 23             | 0               | 1,750          | 92            | 139           | 4,982    |
|                             | Depletion     | 0                        | 1               | 4              | 0               | 0              | 7             | 139           | 151      |
| Other                       | Applied Water | 19                       | 4               | 14             | 11              | 1              | 577           | 335           | 962      |
|                             | Net Water Use | 19                       | 1               | 2              | 11              | 0              | 17            | 151           | 201      |
|                             | Depletion     | 1                        | 1               | 2              | 2               | 0              | 17            | 151           | 174      |
| Total                       | Applied Water | 2,656                    | 1,517           | 770            | 88              | 1,773          | 4,249         | 1,984         | 13,037   |
|                             | Net Water Use | 2,652                    | 1,352           | 669            | 82              | 1,763          | 3,300         | 1,626         | 11,444   |
|                             | Depletion     | 29                       | 661             | 504            | 40              | 13             | 2,545         | 1,371         | 5,163    |

Table 16 (cont.)

## 1995 Water Use in California by Planning Subarea

(1,000 acre-feet)

| Water Use Category | Analysis      | Tulare Lake Region |       |                    |                 |                | TL Total |
|--------------------|---------------|--------------------|-------|--------------------|-----------------|----------------|----------|
|                    |               | Uplands            | KKT   | San Luis West Side | Western Uplands | Kern Vly Floor |          |
| Urban              | Applied Water | 19                 | 356   | 21                 | 2               | 283            | 681      |
|                    | Net Water Use | 11                 | 150   | 14                 | 1               | 162            | 338      |
|                    | Depletion     | 11                 | 150   | 14                 | 1               | 162            | 338      |
| Agriculture        | Applied Water | 23                 | 5,296 | 1,525              | 0               | 2,521          | 9,365    |
|                    | Net Water Use | 16                 | 4,075 | 1,434              | 0               | 2,125          | 7,649    |
|                    | Depletion     | 16                 | 4,075 | 1,434              | 0               | 2,125          | 7,649    |
| Envmntl            | Applied Water | 3,066              | 28    | 0                  | 0               | 28             | 3,121    |
|                    | Net Water Use | 3,066              | 15    | 0                  | 0               | 17             | 3,097    |
|                    | Depletion     | 0                  | 15    | 0                  | 0               | 17             | 32       |
| Other              | Applied Water | 2                  | 1,024 | 25                 | 0               | 1,318          | 2,370    |
|                    | Net Water Use | 0                  | 40    | 25                 | 0               | 64             | 130      |
|                    | Depletion     | 0                  | 40    | 25                 | 0               | 64             | 130      |
| Total              | Applied Water | 3,109              | 6,704 | 1,572              | 2               | 4,150          | 15,537   |
|                    | Net Water Use | 3,093              | 4,279 | 1,473              | 1               | 2,369          | 11,214   |
|                    | Depletion     | 27                 | 4,279 | 1,473              | 1               | 2,369          | 8,149    |

Table 16 (cont.)

## 1995 Water Use in California by Planning Subarea

(1,000 acre-feet)

| Water Use Category | Analysis      | North Lahontan Region |              |          | South Lahontan Region |              |              |                 |              | SL Total |
|--------------------|---------------|-----------------------|--------------|----------|-----------------------|--------------|--------------|-----------------|--------------|----------|
|                    |               | Lassen Group          | Alpine Group | NL Total | Mono Owens            | Death Valley | Indian Wells | Antelope Valley | Mojave River |          |
| Urban              | Applied Water | 16                    | 18           | 34       | 12                    | 1            | 14           | 99              | 94           | 220      |
|                    | Net Water Use | 10                    | 18           | 28       | 7                     | 1            | 8            | 67              | 59           | 141      |
|                    | Depletion     | 10                    | 4            | 13       | 7                     | 1            | 8            | 67              | 59           | 141      |
| Agriculture        | Applied Water | 327                   | 179          | 506      | 147                   | 11           | 13           | 61              | 92           | 324      |
|                    | Net Water Use | 294                   | 172          | 466      | 132                   | 10           | 12           | 57              | 81           | 292      |
|                    | Depletion     | 286                   | 101          | 387      | 132                   | 10           | 12           | 57              | 81           | 292      |
| Envmntl            | Applied Water | 18                    | 609          | 627      | 192                   | 0            | 0            | 0               | 0            | 192      |
|                    | Net Water Use | 18                    | 609          | 627      | 161                   | 0            | 0            | 0               | 0            | 161      |
|                    | Depletion     | 18                    | 609          | 627      | 161                   | 0            | 0            | 0               | 0            | 161      |
| Other              | Applied Water | 21                    | 0            | 21       | 0                     | 3            | 1            | 6               | 5            | 15       |
|                    | Net Water Use | 0                     | 0            | 0        | 0                     | 3            | 1            | 6               | 5            | 15       |
|                    | Depletion     | 0                     | 0            | 0        | 0                     | 3            | 1            | 6               | 5            | 15       |
| Total              | Applied Water | 382                   | 805          | 1,187    | 351                   | 15           | 28           | 166             | 191          | 750      |
|                    | Net Water Use | 322                   | 798          | 1,120    | 300                   | 14           | 21           | 130             | 144          | 608      |
|                    | Depletion     | 314                   | 713          | 1,027    | 300                   | 14           | 21           | 130             | 144          | 608      |

**Table 16 (cont.)**  
**1995 Water Use in California by Planning Subarea**  
 (1,000 acre-feet)

| Water Use Category | Analysis      | Colorado River Region |             |                |       |         |                 |       | CR Total |
|--------------------|---------------|-----------------------|-------------|----------------|-------|---------|-----------------|-------|----------|
|                    |               | 29 Palms Lanfair      | Chuck Walla | Colorado River | Coach | Borrego | Imperial Valley |       |          |
| Urban              | Applied Water | 13                    | 0           | 7              | 324   | 2       | 34              | 380   |          |
|                    | Net Water Use | 7                     | 0           | 4              | 212   | 1       | 34              | 259   |          |
|                    | Depletion     | 7                     | 0           | 4              | 212   | 1       | 34              | 259   |          |
| Agriculture        | Applied Water | 17                    | 18          | 846            | 343   | 42      | 2,564           | 3,830 |          |
|                    | Net Water Use | 15                    | 17          | 673            | 277   | 37      | 2,564           | 3,583 |          |
|                    | Depletion     | 15                    | 17          | 673            | 277   | 37      | 2,564           | 3,583 |          |
| Envmntl            | Applied Water | 0                     | 0           | 0              | 0     | 0       | 39              | 39    |          |
|                    | Net Water Use | 0                     | 0           | 0              | 0     | 0       | 39              | 39    |          |
|                    | Depletion     | 0                     | 0           | 0              | 0     | 0       | 39              | 39    |          |
| Other              | Applied Water | 1                     | 0           | 3              | 42    | 0       | 397             | 442   |          |
|                    | Net Water Use | 1                     | 0           | 3              | 42    | 0       | 397             | 442   |          |
|                    | Depletion     | 1                     | 0           | 3              | 42    | 0       | 397             | 442   |          |
| Total              | Applied Water | 31                    | 19          | 855            | 708   | 44      | 3,034           | 4,691 |          |
|                    | Net Water Use | 23                    | 17          | 680            | 531   | 39      | 3,034           | 4,323 |          |
|                    | Depletion     | 23                    | 17          | 680            | 531   | 39      | 3,034           | 4,323 |          |

**Table 17**  
**1995 Water Use in California by Hydrologic Region**  
 (1,000 acre-feet)

| Water Use Category | Analysis      | North Coast | SF Bay | Central Coast | South Coast | Sac River | SJR    | Tulare Lake | North Lahontan | South Lahontan | Colorado River | California Total |
|--------------------|---------------|-------------|--------|---------------|-------------|-----------|--------|-------------|----------------|----------------|----------------|------------------|
|                    |               |             |        |               |             |           |        |             |                |                |                |                  |
| Urban              | Applied Water | 125         | 1,017  | 253           | 3,294       | 709       | 555    | 681         | 34             | 220            | 380            | 7,265            |
|                    | Net Water Use | 125         | 1,017  | 212           | 2,985       | 709       | 401    | 338         | 28             | 141            | 259            | 6,214            |
|                    | Depletion     | 62          | 951    | 182           | 2,745       | 272       | 233    | 338         | 13             | 141            | 259            | 5,197            |
| Agriculture        | Applied Water | 735         | 97     | 1,212         | 746         | 7,407     | 6,362  | 9,365       | 506            | 324            | 3,829          | 30,583           |
|                    | Net Water Use | 502         | 85     | 926           | 658         | 5,957     | 5,859  | 7,649       | 466            | 292            | 3,582          | 25,976           |
|                    | Depletion     | 542         | 78     | 923           | 658         | 4,967     | 4,605  | 7,649       | 387            | 292            | 3,582          | 23,684           |
| Envmntl            | Applied Water | 27,607      | 22,535 | 208           | 264         | 8,827     | 5,158  | 3,121       | 627            | 192            | 39             | 68,578           |
|                    | Net Water Use | 27,523      | 22,535 | 158           | 27          | 8,595     | 4,982  | 3,097       | 627            | 161            | 39             | 67,745           |
|                    | Depletion     | 27,341      | 22,535 | 158           | 27          | 243       | 151    | 32          | 627            | 161            | 39             | 51,313           |
| Other              | Applied Water | 63          | 15     | 16            | 353         | 543       | 962    | 2,370       | 21             | 15             | 442            | 4,800            |
|                    | Net Water Use | 33          | 15     | 16            | 353         | 285       | 201    | 130         | 0              | 15             | 442            | 1,489            |
|                    | Depletion     | 11          | 1      | 16            | 353         | 55        | 174    | 130         | 0              | 15             | 442            | 1,196            |
| Total              | Applied Water | 28,530      | 23,664 | 1,688         | 4,657       | 17,487    | 13,037 | 15,537      | 1,187          | 750            | 4,690          | 111,226          |
|                    | Net Water Use | 28,182      | 23,652 | 1,312         | 4,024       | 15,546    | 11,444 | 11,214      | 1,120          | 608            | 4,322          | 101,424          |
|                    | Depletion     | 27,956      | 23,565 | 1,279         | 3,783       | 5,537     | 5,163  | 8,149       | 1,027          | 608            | 4,322          | 81,389           |

**Table 18**  
**1995 Environmental Water Use in California by Hydrologic Region**  
**(1,000 acre-feet)**

| Water Use Category | Analysis      | North NC | SF     | Central CC | South SC | Sac SR | SJ    | Tulare TL | North NL | South SL | Colorado CR | CA Total      |
|--------------------|---------------|----------|--------|------------|----------|--------|-------|-----------|----------|----------|-------------|---------------|
| Instream           | Applied Water | 1,387    | 19     | 20         | 4        | 4,727  | 651   | 0         | 70       | 192      | 0           | <b>7,070</b>  |
|                    | Net Water Use | 1,304    | 19     | 0          | 0        | 4,607  | 578   | 0         | 70       | 161      | 0           | <b>6,738</b>  |
|                    | Depletion     | 1,254    | 19     | 0          | 0        | 0      | 0     | 0         | 70       | 161      | 0           | <b>1,504</b>  |
| Refuges            | Applied Water | 310      | 160    | 0          | 30       | 632    | 272   | 56        | 18       | 0        | 39          | <b>1,517</b>  |
|                    | Net Water Use | 309      | 160    | 0          | 27       | 521    | 170   | 32        | 18       | 0        | 39          | <b>1,275</b>  |
|                    | Depletion     | 177      | 160    | 0          | 27       | 243    | 151   | 32        | 18       | 0        | 39          | <b>846</b>    |
| W&S                | Applied Water | 25,910   | 0      | 187        | 231      | 3,468  | 4,234 | 3,066     | 539      | 0        | 0           | <b>37,635</b> |
|                    | Net Water Use | 25,910   | 0      | 158        | 0        | 3,468  | 4,234 | 3,066     | 539      | 0        | 0           | <b>37,375</b> |
|                    | Depletion     | 25,910   | 0      | 158        | 0        | 0      | 0     | 0         | 539      | 0        | 0           | <b>26,607</b> |
| D1485/<br>WR95-1   | Applied Water | 0        | 22,356 | 0          | 0        | 0      | 0     | 0         | 0        | 0        | 0           | <b>22,356</b> |
|                    | Net Water Use | 0        | 22,356 | 0          | 0        | 0      | 0     | 0         | 0        | 0        | 0           | <b>22,356</b> |
|                    | Depletion     | 0        | 22,356 | 0          | 0        | 0      | 0     | 0         | 0        | 0        | 0           | <b>22,356</b> |
| Total              | Applied Water | 27,607   | 22,535 | 208        | 264      | 8,827  | 5,158 | 3,121     | 627      | 192      | 39          | <b>68,578</b> |
|                    | Net Water Use | 27,523   | 22,535 | 158        | 27       | 8,595  | 4,982 | 3,097     | 627      | 161      | 39          | <b>67,745</b> |
|                    | Depletion     | 27,341   | 22,535 | 158        | 27       | 243    | 151   | 32        | 627      | 161      | 39          | <b>51,313</b> |

**Table 19**  
**1995 Water Year State Water Project Delivery Summary**  
**(1,000 acre-feet)**

| Hydrologic Region | Contracting Agency           | SWP              | Non-SWP       | Total            |
|-------------------|------------------------------|------------------|---------------|------------------|
| SF Bay            | Napa Co FC&WCD               | 4,975            | 0             | 4,975            |
|                   | Solano Co WA                 | 6,283            | 0             | 6,283            |
|                   | Alameda Co FC&WCD            | 24,784           | 2,863         | 27,647           |
|                   | Alameda Co WD                | 15,428           | 0             | 15,428           |
|                   | Santa Clara Valley WD        | 35,490           | 54            | 35,544           |
|                   | <b>Total in Region</b>       | <b>86,960</b>    | <b>2,917</b>  | <b>89,877</b>    |
| CC                | San Luis Obispo Co FC&WCD    | 0                | 0             | 0                |
|                   | Santa Barbara Co FC&WCD      | 0                | 0             | 0                |
|                   | <b>Total in Region</b>       | <b>0</b>         | <b>0</b>      | <b>0</b>         |
| SC                | San Bernardino Valley MWD    | 1,272            | 0             | 1,272            |
|                   | San Gabriel Valley MWD       | 9,282            | 0             | 9,282            |
|                   | San Geronimo Pass WA         | 0                | 0             | 0                |
|                   | Ventura Co FCD               | 0                | 0             | 0                |
|                   | Castaic Lake WA              | 18,791           | 0             | 18,791           |
|                   | Metropolitan WD              | 543,798          | 0             | 543,798          |
|                   | <b>Total in Region</b>       | <b>573,143</b>   | <b>0</b>      | <b>573,143</b>   |
| Sac R.            | City of Yuba City            | 910              | 0             | 910              |
|                   | County of Butte              | 124              | 0             | 124              |
|                   | Plumas Co FC&WCD             | 329              | 0             | 329              |
|                   | <b>Total in Region</b>       | <b>1,363</b>     | <b>0</b>      | <b>1,363</b>     |
| SJR               | Oak Flat WD                  | 4,563            | 262           | 4,825            |
| Tulare L.         | Empire West Side ID          | 676              | 0             | 676              |
|                   | Tulare Lake Basin WSD        | 63,625           | 398           | 64,023           |
|                   | Dudley Ridge WD              | 42,526           | 450           | 42,976           |
|                   | Kern Co WA                   | 827,662          | 5,185         | 832,847          |
|                   | Castaic Lake WA (Devils Den) | 8,980            | 0             | 8,980            |
|                   | County of Kings              | 3,000            | 0             | 3,000            |
|                   | Westlands (non-contractor)   | 52,841           | 0             | 52,841           |
|                   | <b>Total in Region</b>       | <b>999,310</b>   | <b>6,033</b>  | <b>1,005,343</b> |
| S. Lahon.         | Littlerock Creek ID          | 482              | 0             | 482              |
|                   | Crestline Lake Arrowhead WA  | 416              | 0             | 416              |
|                   | Antelope Valley East Kern WA | 49,774           | 0             | 49,774           |
|                   | Mojave WA                    | 14,769           | 0             | 14,769           |
|                   | Palmdale WD                  | 8,667            | 0             | 8,667            |
|                   | <b>Total in Region</b>       | <b>74,108</b>    | <b>0</b>      | <b>74,108</b>    |
| Colrdo R.         | Coachella Valley WD          | 20,499           | 0             | 20,499           |
|                   | Desert WA                    | 34,673           | 0             | 34,673           |
|                   | <b>Total in Region</b>       | <b>55,172</b>    | <b>0</b>      | <b>55,172</b>    |
|                   | Recreation/F&W Water         | 2,783            | 3,319         | 6,102            |
|                   | <b>Statewide Total</b>       | <b>1,797,402</b> | <b>12,531</b> | <b>1,809,933</b> |

Source: Table 10-4, Bulletins 132-95 and Bulletin 132-96.

**Table 20**  
**1995 Water Year U.S. Bureau of Reclamation Delivery Summary**  
 (1,000 acre-feet)

| Delivery               | AG               | Urban          | Waterfowl     | Total            |
|------------------------|------------------|----------------|---------------|------------------|
| Black Butte Unit       | 1,060            | 160            | 0             | 1,220            |
| Cachuma Dam            | 17,568           | 12,107         | 0             | 29,675           |
| Clear Creek South      | 3,211            | 2,359          | 0             | 5,570            |
| Clear Lake             | 248              | 0              | 0             | 248              |
| Colusa Basin Drain     | 31,826           | 0              | 0             | 31,826           |
| Contra Costa Canal     | 332              | 93,440         | 0             | 93,772           |
| Corning Canal          | 17,341           | 0              | 0             | 17,341           |
| Cow Creek Unit         | 7,483            | 4,299          | 0             | 11,782           |
| Cross Valley Canal     | 398              | 0              | 0             | 398              |
| Delta                  | 0                | 202            | 0             | 202              |
| Delta Mendota Canal    | 184,046          | 7,751          | 0             | 191,797          |
| Exchange Contractors   | 730,767          | 0              | 0             | 730,767          |
| Folsom Lake            | 2,074            | 80,487         | 0             | 82,561           |
| Folsom South Canal     | 687              | 30,161         | 0             | 30,848           |
| Friant-Kern Canal      | 1,269,968        | 17,092         | 0             | 1,287,060        |
| Lake Berryessa         | 0                | 281            | 0             | 281              |
| Lower American         | 0                | 44,372         | 0             | 44,372           |
| Madera Canal           | 387,580          | 0              | 0             | 387,580          |
| Mendota Pool           | 52,496           | 0              | 0             | 52,496           |
| Millerton Lake         | 12,250           | 156            | 0             | 12,406           |
| New Melones Unit       | 6,214            | 0              | 0             | 6,214            |
| Putah South Canal      | 130,886          | 48,276         | 0             | 179,162          |
| Sacramento River       | 1,307,005        | 64,720         | 53,336        | 1,425,061        |
| San Felipe Division    | 40,267           | 75,311         | 0             | 115,578          |
| San Luis Canal         | 930,188          | 12,977         | 89            | 943,254          |
| Shasta Lake            | 0                | 1,856          | 0             | 1,856            |
| Sly Park Unit          | 6,963            | 9,360          | 0             | 16,323           |
| Spring Creek Conduit   | 0                | 2,935          | 0             | 2,935            |
| Tehama-Colusa Canal    | 182,566          | 0              | 0             | 182,566          |
| Toyon Pipeline         |                  | 2,262          | 0             | 2,262            |
| Tulelake-P-Canal       | 9,075            | 0              | 0             | 9,075            |
| Upper American River   | 359              | 2,218          | 0             | 2,577            |
| Waterfowl Conservation | 0                | 0              | 992           | 992              |
| Waterfowl District     | 0                | 0              | 0             | 0                |
| <b>Total</b>           | <b>5,332,858</b> | <b>512,782</b> | <b>54,417</b> | <b>5,900,057</b> |

Source: USBR Repayments Section, 2800 Cottage Way, Sacramento,  
 "Water Deliveries and Revenues, Oct 1, 1994 Thru Sep 30, 1995"

**Table 21**  
**Applied Water Budgets by Planning Subarea**  
 (1,000 acre-feet)

|        |                        | North Coast Region |               |         |               |          | SF Bay Region |           |              |
|--------|------------------------|--------------------|---------------|---------|---------------|----------|---------------|-----------|--------------|
|        |                        | Upper Klamath      | Lower Klamath | Coastal | Russian River | NC Total | North Bay     | South Bay | SF Bay Total |
| Use    | Urban                  | 10                 | 10            | 30      | 75            | 125      | 148           | 868       | 1,017        |
|        | Agriculture            | 572                | 34            | 61      | 69            | 735      | 58            | 39        | 97           |
|        | Environmental          | 308                | 16,993        | 10,141  | 165           | 27,607   | 22,525        | 10        | 22,535       |
|        | Other                  | 60                 | 3             | 1       | 0             | 63       | 3             | 13        | 15           |
|        | Total                  | 950                | 17,039        | 10,233  | 308           | 28,530   | 22,734        | 930       | 23,664       |
| Supply | Local                  | 187                | 27            | 44      | 102           | 360      | 220           | 182       | 402          |
|        | Imports by Local       | 0                  | 0             | 0       | 0             | 0        | 28            | 445       | 473          |
|        | Groundwater            | 111                | 12            | 40      | 28            | 190      | 20            | 39        | 59           |
|        | Reuse Groundwater      | 40                 | 2             | 7       | 1             | 49       | 1             | 1         | 2            |
|        | Reuse Surface Water    | 206                | 5             | 1       | 3             | 216      | 7             | 4         | 11           |
|        | Reclaimed              | 0                  | 0             | 2       | 10            | 12       | 1             | 34        | 35           |
|        | Colorado River         | 0                  | 0             | 0       | 0             | 0        | 0             | 0         | 0            |
|        | CVP                    | 0                  | 0             | 0       | 0             | 0        | 0             | 131       | 131          |
|        | Other Federal          | 407                | 0             | 0       | 0             | 407      | 52            | 0         | 52           |
|        | SWP                    | 0                  | 0             | 0       | 0             | 0        | 30            | 95        | 124          |
|        | Dedicated Natural Flow | 0                  | 16,993        | 10,139  | 165           | 27,297   | 22,375        | 0         | 22,375       |
|        | Total                  | 950                | 17,039        | 10,233  | 308           | 28,530   | 22,734        | 930       | 23,664       |

**Table 21 (cont.)**  
**Applied Water Budgets by Planning Subarea**  
 (1,000 acre-feet)

|        |                        | Central Coast Region |               |          | South Coast Region |          |           |           | SC TOTAL |
|--------|------------------------|----------------------|---------------|----------|--------------------|----------|-----------|-----------|----------|
|        |                        | N. Cent Coast        | S. Cent Coast | CC TOTAL | Santa Clara        | Metro LA | Santa Ana | San Diego |          |
| Use    | Urban                  | 146                  | 107           | 253      | 196                | 1,511    | 1,042     | 545       | 3,294    |
|        | Agriculture            | 817                  | 395           | 1,212    | 252                | 15       | 230       | 249       | 746      |
|        | Environmental          | 162                  | 45            | 208      | 235                | 24       | 5         | 1         | 264      |
|        | Other                  | 0                    | 16            | 16       | 22                 | 176      | 113       | 43        | 353      |
|        | Total                  | 1,125                | 563           | 1,688    | 704                | 1,725    | 1,390     | 838       | 4,657    |
| Supply | Local                  | 60                   | 16            | 76       | 100                | 18       | 66        | 263       | 447      |
|        | Imports by Local       | 0                    | 0             | 0        | 0                  | 388      | 0         | 0         | 388      |
|        | Groundwater            | 645                  | 291           | 937      | 130                | 588      | 573       | 72        | 1,362    |
|        | Reuse Groundwater      | 222                  | 77            | 299      | 32                 | 2        | 43        | 11        | 88       |
|        | Reuse Surface Water    | 6                    | 22            | 28       | 29                 | 60       | 214       | 8         | 311      |
|        | Reclaimed              | 1                    | 17            | 18       | 3                  | 97       | 92        | 18        | 209      |
|        | Colorado River         | 0                    | 0             | 0        | 0                  | 376      | 264       | 328       | 967      |
|        | CVP                    | 28                   | 0             | 28       | 0                  | 0        | 0         | 0         | 0        |
|        | Other Federal          | 0                    | 94            | 94       | 0                  | 0        | 0         | 0         | 0        |
|        | SWP                    | 0                    | 0             | 0        | 175                | 198      | 138       | 139       | 650      |
|        | Dedicated Natural Flow | 162                  | 45            | 208      | 235                | 0        | 0         | 0         | 235      |
|        | Total                  | 1,125                | 563           | 1,688    | 704                | 1,725    | 1,390     | 838       | 4,657    |

**Table 21 (cont.)**  
**Applied Water Budgets by Planning Subarea**  
 (1,000 acre-feet)

|        |                        | Sacramento River Region |              |              |                    |                    |               |               |             | SR<br>Total |
|--------|------------------------|-------------------------|--------------|--------------|--------------------|--------------------|---------------|---------------|-------------|-------------|
|        |                        | Shasta<br>Pit           | NW<br>Valley | NE<br>Valley | Central<br>Basin W | Central<br>Basin E | South<br>East | South<br>West | Delta<br>SA |             |
| Use    | Urban                  | 10                      | 48           | 53           | 69                 | 435                | 66            | 8             | 21          | 709         |
|        | Agriculture            | 390                     | 417          | 259          | 2,541              | 2,959              | 287           | 70            | 485         | 7,407       |
|        | Environmental          | 2,097                   | 58           | 0            | 267                | 2,118              | 4,223         | 7             | 57          | 8,827       |
|        | Other                  | 30                      | 57           | 31           | 202                | 164                | 52            | 7             | 0           | 543         |
|        | Total                  | 2,527                   | 580          | 343          | 3,079              | 5,676              | 4,629         | 91            | 562         | 17,487      |
| Supply | Local                  | 307                     | 22           | 86           | 267                | 1,492              | 306           | 25            | 433         | 2,938       |
|        | Imports by Local       | 0                       | 0            | 0            | 0                  | 0                  | 5             | 0             | 0           | 5           |
|        | Groundwater            | 62                      | 229          | 155          | 659                | 1,005              | 31            | 43            | 37          | 2,221       |
|        | Reuse Groundwater      | 24                      | 42           | 29           | 114                | 118                | 7             | 10            | 2           | 346         |
|        | Reuse Surface Water    | 69                      | 12           | 25           | 660                | 586                | 42            | 6             | 75          | 1,474       |
|        | Reclaimed              | 0                       | 0            | 0            | 0                  | 0                  | 0             | 0             | 0           | 0           |
|        | Colorado River         | 0                       | 0            | 0            | 0                  | 0                  | 0             | 0             | 0           | 0           |
|        | CVP                    | 0                       | 139          | 48           | 1,228              | 516                | 14            | 0             | 16          | 1,961       |
|        | Other Federal          | 0                       | 79           | 0            | 139                | 113                | 0             | 0             | 0           | 331         |
|        | SWP                    | 0                       | 0            | 0            | 6                  | 10                 | 1             | 0             | 0           | 16          |
|        | Dedicated Natural Flow | 2,065                   | 58           | 0            | 7                  | 1,836              | 4,223         | 7             | 0           | 8,195       |
|        | Total                  | 2,527                   | 580          | 343          | 3,079              | 5,676              | 4,629         | 91            | 562         | 17,487      |

**Table 21 (cont.)**  
**Applied Water Budgets by Planning Subarea**  
 (1,000 acre-feet)

|        |                        | San Joaquin River Region |                    |                   |                    |                   |                  |                  | SJR<br>TOTAL |
|--------|------------------------|--------------------------|--------------------|-------------------|--------------------|-------------------|------------------|------------------|--------------|
|        |                        | Sierra<br>Foothill       | Eastern<br>Vly Flr | Delta<br>Srv Area | Western<br>Uplands | E Side<br>Uplands | Valley<br>E Side | Valley<br>W Side |              |
| Use    | Urban                  | 42                       | 93                 | 40                | 39                 | 16                | 303              | 22               | 555          |
|        | Agriculture            | 22                       | 941                | 693               | 38                 | 6                 | 3,272            | 1,390            | 6,362        |
|        | Environmental          | 2,572                    | 480                | 23                | 0                  | 1,750             | 97               | 237              | 5,158        |
|        | Other                  | 19                       | 4                  | 14                | 11                 | 1                 | 577              | 335              | 962          |
|        | Total                  | 2,656                    | 1,517              | 770               | 88                 | 1,773             | 4,249            | 1,984            | 13,037       |
| Supply | Local                  | 59                       | 111                | 596               | 26                 | 12                | 2,100            | 106              | 3,009        |
|        | Imports by Local       | 0                        | 0                  | 0                 | 0                  | 0                 | 0                | 0                | 0            |
|        | Groundwater            | 13                       | 728                | 30                | 2                  | 1                 | 620              | 105              | 1,499        |
|        | Reuse Groundwater      | 0                        | 50                 | 1                 | 0                  | 10                | 788              | 345              | 1,194        |
|        | Reuse Surface Water    | 4                        | 42                 | 100               | 6                  | 0                 | 162              | 13               | 325          |
|        | Reclaimed              | 1                        | 1                  | 0                 | 0                  | 0                 | 0                | 0                | 2            |
|        | Colorado River         | 0                        | 0                  | 0                 | 0                  | 0                 | 0                | 0                | 0            |
|        | CVP                    | 5                        | 22                 | 30                | 54                 | 0                 | 467              | 1,411            | 1,990        |
|        | Other Federal          | 2                        | 85                 | 13                | 0                  | 0                 | 28               | 0                | 127          |
|        | SWP                    | 0                        | 0                  | 0                 | 0                  | 0                 | 0                | 5                | 5            |
|        | Dedicated Natural Flow | 2,572                    | 479                | 0                 | 0                  | 1,750             | 85               | 0                | 4,886        |
|        | Total                  | 2,656                    | 1,517              | 770               | 88                 | 1,773             | 4,249            | 1,984            | 13,037       |

**Table 21 (cont.)**  
**Applied Water Budgets by Planning Subarea**  
 (1,000 acre-feet)

|        |                        | Tulare Lake Region |       |                     |                    |                   | Tulare L.<br>Total |
|--------|------------------------|--------------------|-------|---------------------|--------------------|-------------------|--------------------|
|        |                        | Uplands            | KKT   | San Luis<br>W. Side | Western<br>Uplands | Kern Vly<br>Floor |                    |
| Use    | Urban                  | 19                 | 356   | 21                  | 2                  | 283               | 681                |
|        | Agriculture            | 23                 | 5,296 | 1,525               | 0                  | 2,521             | 9,365              |
|        | Environmental          | 3,066              | 28    | 0                   | 0                  | 28                | 3,121              |
|        | Other                  | 2                  | 1,024 | 25                  | 0                  | 1,318             | 2,370              |
|        | Total                  | 3,109              | 6,704 | 1,572               | 2                  | 4,150             | 15,537             |
| Supply | Local                  | 16                 | 2,662 | 0                   | 0                  | 1,002             | 3,680              |
|        | Imports by Local       | 0                  | 0     | 0                   | 0                  | 0                 | 0                  |
|        | Groundwater            | 6                  | 669   | 536                 | 1                  | -155              | 1,057              |
|        | Reuse Groundwater      | 16                 | 2,405 | 0                   | 1                  | 1,753             | 4,175              |
|        | Reuse Surface Water    | 0                  | 19    | 99                  | 0                  | 29                | 147                |
|        | Reclaimed              | 0                  | 0     | 0                   | 0                  | 0                 | 0                  |
|        | Colorado River         | 0                  | 0     | 0                   | 0                  | 0                 | 0                  |
|        | CVP                    | 0                  | 877   | 827                 | 0                  | 602               | 2,306              |
|        | Other Federal          | 0                  | 0     | 0                   | 0                  | 0                 | 0                  |
|        | SWP                    | 5                  | 71    | 110                 | 0                  | 920               | 1,105              |
|        | Dedicated Natural Flow | 3,066              | 0     | 0                   | 0                  | 0                 | 3,066              |
|        | Total                  | 3,109              | 6,704 | 1,572               | 2                  | 4,150             | 15,537             |

**Table 21 (cont.)**  
**Applied Water Budgets by Planning Subarea**  
 (1,000 acre-feet)

|        |                        | North Lahontan Region |                 |             | South Lahontan Region |                 |                 |                    |                 | SL<br>Total |
|--------|------------------------|-----------------------|-----------------|-------------|-----------------------|-----------------|-----------------|--------------------|-----------------|-------------|
|        |                        | Lassen<br>Group       | Alpine<br>Group | NL<br>Total | Mono<br>Owens         | Death<br>Valley | Indian<br>Wells | Antelope<br>Valley | Mojave<br>River |             |
| Use    | Urban                  | 16                    | 18              | 34          | 12                    | 1               | 14              | 99                 | 94              | 220         |
|        | Agriculture            | 327                   | 179             | 506         | 147                   | 11              | 13              | 61                 | 92              | 324         |
|        | Environmental          | 18                    | 609             | 627         | 192                   | 0               | 0               | 0                  | 0               | 192         |
|        | Other                  | 21                    | 0               | 21          | 0                     | 3               | 1               | 6                  | 5               | 15          |
|        | Total                  | 382                   | 805             | 1,187       | 351                   | 15              | 28              | 166                | 191             | 750         |
| Supply | Local                  | 217                   | 171             | 387         | 52                    | 0               | 0               | 15                 | 0               | 66          |
|        | Imports by Local       | 0                     | 0               | 0           | 0                     | 0               | 0               | 0                  | 0               | 0           |
|        | Groundwater            | 102                   | 14              | 116         | 87                    | 14              | 20              | 34                 | 123             | 276         |
|        | Reuse Groundwater      | 20                    | 7               | 27          | 14                    | 1               | 1               | 4                  | 12              | 33          |
|        | Reuse Surface Water    | 40                    | 0               | 40          | 5                     | 0               | 6               | 32                 | 34              | 78          |
|        | Reclaimed              | 3                     | 5               | 8           | 1                     | 0               | 1               | 20                 | 6               | 27          |
|        | Colorado River         | 0                     | 0               | 0           | 0                     | 0               | 0               | 0                  | 0               | 0           |
|        | CVP                    | 0                     | 0               | 0           | 0                     | 0               | 0               | 0                  | 0               | 0           |
|        | Other Federal          | 0                     | 0               | 0           | 0                     | 0               | 0               | 0                  | 0               | 0           |
|        | SWP                    | 0                     | 0               | 0           | 0                     | 0               | 0               | 62                 | 16              | 78          |
|        | Dedicated Natural Flow | 0                     | 609             | 609         | 192                   | 0               | 0               | 0                  | 0               | 192         |
|        | Total                  | 382                   | 805             | 1,187       | 351                   | 15              | 28              | 166                | 191             | 750         |

**Table 21 (cont.)**  
**Applied Water Budgets by Planning Subarea**  
 (1,000 acre-feet)

|        |                        | Colorado River Region |       |          |       |         |          |          |
|--------|------------------------|-----------------------|-------|----------|-------|---------|----------|----------|
|        |                        | 29 Palms              | Chuck | Colorado |       |         | Imperial | Colorado |
|        |                        | Lanfair               | Walla | River    | Coach | Borrego | Valley   | Total    |
| Use    | Urban                  | 13                    | 0     | 7        | 324   | 2       | 34       | 380      |
|        | Agriculture            | 17                    | 18    | 846      | 343   | 42      | 2,564    | 3,829    |
|        | Environmental          | 0                     | 0     | 0        | 0     | 0       | 39       | 39       |
|        | Other                  | 1                     | 0     | 3        | 42    | 0       | 397      | 442      |
|        | Total                  | 31                    | 19    | 855      | 708   | 44      | 3,034    | 4,690    |
| Supply | Local                  | 0                     | 0     | 0        | 6     | 0       | 0        | 6        |
|        | Imports by Local       | 0                     | 0     | 0        | 0     | 0       | 0        | 0        |
|        | Groundwater            | 21                    | 17    | 28       | 130   | 7       | 0        | 203      |
|        | Reuse Groundwater      | 2                     | 2     | 173      | 66    | 4       | 0        | 247      |
|        | Reuse Surface Water    | 6                     | 0     | 3        | 112   | 1       | 0        | 121      |
|        | Reclaimed              | 2                     | 0     | 0        | 13    | 0       | 0        | 15       |
|        | Colorado River         | 0                     | 0     | 652      | 326   | 32      | 3,034    | 4,043    |
|        | CVP                    | 0                     | 0     | 0        | 0     | 0       | 0        | 0        |
|        | Other Federal          | 0                     | 0     | 0        | 0     | 0       | 0        | 0        |
|        | SWP                    | 0                     | 0     | 0        | 55    | 0       | 0        | 55       |
|        | Dedicated Natural Flow | 0                     | 0     | 0        | 0     | 0       | 0        | 0        |
|        | Total                  | 31                    | 19    | 855      | 708   | 44      | 3,034    | 4,690    |

**Table 22**  
**Applied Water Budgets by Hydrologic Region**  
 (1,000 acre-feet)

|        |                        | North  |        | Central | South | Sac    | Tulare | North    | South    | Colorado | California |         |
|--------|------------------------|--------|--------|---------|-------|--------|--------|----------|----------|----------|------------|---------|
|        |                        | Coast  | SF Bay | Coast   | Coast | River  | Lake   | Lahontan | Lahontan | River    | Total      |         |
| Use    | Urban                  | 125    | 1,017  | 253     | 3,294 | 709    | 555    | 681      | 34       | 220      | 380        | 7,265   |
|        | Agriculture            | 735    | 97     | 1,212   | 746   | 7,407  | 6,362  | 9,365    | 506      | 324      | 3,829      | 30,583  |
|        | Environmental          | 27,607 | 22,535 | 208     | 264   | 8,827  | 5,158  | 3,121    | 627      | 192      | 39         | 68,578  |
|        | Other                  | 63     | 15     | 16      | 353   | 543    | 962    | 2,370    | 21       | 15       | 442        | 4,800   |
|        | Total                  | 28,530 | 23,664 | 1,688   | 4,657 | 17,487 | 13,037 | 15,537   | 1,187    | 750      | 4,690      | 111,226 |
| Supply | Local                  | 360    | 402    | 76      | 447   | 2,938  | 3,009  | 3,680    | 387      | 66       | 6          | 11,371  |
|        | Imports by Local       | 0      | 473    | 0       | 388   | 5      | 0      | 0        | 0        | 0        | 0          | 866     |
|        | Groundwater            | 190    | 59     | 937     | 1,362 | 2,221  | 1,499  | 1,057    | 116      | 276      | 203        | 7,920   |
|        | Reuse Groundwater      | 49     | 2      | 299     | 88    | 346    | 1,194  | 4,175    | 27       | 33       | 247        | 6,460   |
|        | Reuse Surface Water    | 216    | 11     | 28      | 311   | 1,474  | 325    | 147      | 40       | 78       | 121        | 2,750   |
|        | Reclaimed              | 12     | 35     | 18      | 209   | 0      | 2      | 0        | 8        | 27       | 15         | 327     |
|        | Colorado River         | 0      | 0      | 0       | 967   | 0      | 0      | 0        | 0        | 0        | 4,043      | 5,011   |
|        | CVP                    | 0      | 131    | 28      | 0     | 1,961  | 1,990  | 2,306    | 0        | 0        | 0          | 6,415   |
|        | Other Federal          | 407    | 52     | 94      | 0     | 331    | 127    | 0        | 0        | 0        | 0          | 1,011   |
|        | SWP                    | 0      | 124    | 0       | 650   | 16     | 5      | 1,105    | 0        | 78       | 55         | 2,034   |
|        | Dedicated Natural Flow | 27,297 | 22,375 | 208     | 235   | 8,195  | 4,886  | 3,066    | 609      | 192      | 0          | 67,061  |
|        | Total                  | 28,530 | 23,664 | 1,688   | 4,657 | 17,487 | 13,037 | 15,537   | 1,187    | 750      | 4,690      | 111,226 |

**Table 23**  
**Net Water Budgets by Planning Subarea**  
 (1,000 acre-feet)

|        |                        | North Coast Region |               |         |               |          | SF Bay Region |           |              |
|--------|------------------------|--------------------|---------------|---------|---------------|----------|---------------|-----------|--------------|
|        |                        | Upper Klamath      | Lower Klamath | Coastal | Russian River | NC Total | North Bay     | South Bay | SF Bay Total |
| Use    | Urban                  | 10                 | 10            | 30      | 75            | 125      | 148           | 868       | 1,017        |
|        | Agriculture            | 354                | 29            | 53      | 65            | 502      | 50            | 35        | 85           |
|        | Environmental          | 307                | 16,993        | 10,133  | 90            | 27,523   | 22,525        | 10        | 22,535       |
|        | Other                  | 33                 | 0             | 0       | 0             | 33       | 3             | 13        | 15           |
|        | Total                  | 705                | 17,032        | 10,216  | 230           | 28,182   | 22,726        | 925       | 23,652       |
| Supply | Local                  | 187                | 27            | 44      | 102           | 360      | 220           | 182       | 402          |
|        | Imports by Local       | 0                  | 0             | 0       | 0             | 0        | 28            | 445       | 473          |
|        | Groundwater            | 111                | 12            | 40      | 28            | 190      | 20            | 39        | 59           |
|        | Reclaimed              | 0                  | 0             | 2       | 10            | 12       | 1             | 34        | 35           |
|        | Colorado River         | 0                  | 0             | 0       | 0             | 0        | 0             | 0         | 0            |
|        | CVP                    | 0                  | 0             | 0       | 0             | 0        | 0             | 131       | 131          |
|        | Other Federal          | 407                | 0             | 0       | 0             | 407      | 52            | 0         | 52           |
|        | SWP                    | 0                  | 0             | 0       | 0             | 0        | 30            | 95        | 124          |
|        | Dedicated Natural Flow | 0                  | 16,993        | 10,131  | 90            | 27,214   | 22,375        | 0         | 22,375       |
|        | Total                  | 705                | 17,032        | 10,216  | 230           | 28,182   | 22,726        | 925       | 23,652       |

**Table 23 (cont.)**  
**Net Water Budgets by Planning Subarea**  
 (1,000 acre-feet)

|        |                        | Central Coast Region |               |          | South Coast Region |          |           |           |          |
|--------|------------------------|----------------------|---------------|----------|--------------------|----------|-----------|-----------|----------|
|        |                        | N. Cent Coast        | S. Cent Coast | CC Total | Santa Clara        | Metro LA | Santa Ana | San Diego | SC Total |
| Use    | Urban                  | 127                  | 85            | 212      | 167                | 1,451    | 830       | 537       | 2,985    |
|        | Agriculture            | 608                  | 319           | 926      | 220                | 13       | 188       | 238       | 658      |
|        | Environmental          | 158                  | 0             | 158      | 0                  | 24       | 3         | 1         | 27       |
|        | Other                  | 0                    | 16            | 16       | 22                 | 176      | 113       | 43        | 353      |
|        | Total                  | 893                  | 419           | 1,312    | 408                | 1,663    | 1,133     | 819       | 4,024    |
| Supply | Local                  | 60                   | 16            | 76       | 100                | 18       | 66        | 263       | 447      |
|        | Imports by Local       | 0                    | 0             | 0        | 0                  | 388      | 0         | 0         | 388      |
|        | Groundwater            | 645                  | 291           | 937      | 130                | 588      | 573       | 72        | 1,362    |
|        | Reclaimed              | 1                    | 17            | 18       | 3                  | 97       | 92        | 18        | 209      |
|        | Colorado River         | 0                    | 0             | 0        | 0                  | 376      | 264       | 328       | 967      |
|        | CVP                    | 28                   | 0             | 28       | 0                  | 0        | 0         | 0         | 0        |
|        | Other Federal          | 0                    | 94            | 94       | 0                  | 0        | 0         | 0         | 0        |
|        | SWP                    | 0                    | 0             | 0        | 175                | 198      | 138       | 139       | 650      |
|        | Dedicated Natural Flow | 158                  | 0             | 158      | 0                  | 0        | 0         | 0         | 0        |
|        | Total                  | 893                  | 419           | 1,312    | 408                | 1,663    | 1,133     | 819       | 4,024    |

Table 23 (cont.)

## Net Water Budgets by Planning Subarea

(1,000 acre-feet)

|        |                        | Sacramento River Region |              |              |                    |                    |               |               |             | SR     |
|--------|------------------------|-------------------------|--------------|--------------|--------------------|--------------------|---------------|---------------|-------------|--------|
|        |                        | Shasta<br>Pit           | NW<br>Valley | NE<br>Valley | Central<br>Basin W | Central<br>Basin E | South<br>East | South<br>West | Delta<br>SA | Total  |
| Use    | Urban                  | 10                      | 48           | 53           | 69                 | 435                | 66            | 8             | 21          | 709    |
|        | Agriculture            | 331                     | 381          | 223          | 1,876              | 2,423              | 257           | 60            | 408         | 5,957  |
|        | Environmental          | 2,094                   | 58           | 0            | 221                | 1,942              | 4,223         | 0             | 57          | 8,595  |
|        | Other                  | 0                       | 40           | 14           | 133                | 65                 | 34            | 0             | 0           | 285    |
|        | Total                  | 2,434                   | 526          | 290          | 2,298              | 4,865              | 4,580         | 68            | 486         | 15,546 |
| Supply | Local                  | 307                     | 22           | 86           | 267                | 1,492              | 306           | 25            | 433         | 2,938  |
|        | Imports by Local       | 0                       | 0            | 0            | 0                  | 0                  | 5             | 0             | 0           | 5      |
|        | Groundwater            | 62                      | 229          | 155          | 659                | 1,005              | 31            | 43            | 37          | 2,221  |
|        | Reclaimed              | 0                       | 0            | 0            | 0                  | 0                  | 0             | 0             | 0           | 0      |
|        | Colorado River         | 0                       | 0            | 0            | 0                  | 0                  | 0             | 0             | 0           | 0      |
|        | CVP                    | 0                       | 139          | 48           | 1,228              | 516                | 14            | 0             | 16          | 1,961  |
|        | Other Federal          | 0                       | 79           | 0            | 139                | 113                | 0             | 0             | 0           | 331    |
|        | SWP                    | 0                       | 0            | 0            | 6                  | 10                 | 1             | 0             | 0           | 16     |
|        | Dedicated Natural Flow | 2,065                   | 58           | 0            | 0                  | 1,729              | 4,223         | 0             | 0           | 8,075  |
|        | Total                  | 2,434                   | 526          | 290          | 2,298              | 4,865              | 4,580         | 68            | 486         | 15,546 |

Table 23 (cont.)

## Net Water Budgets by Planning Subarea

(1,000 acre-feet)

|        |                        | San Joaquin River Region |                    |                   |                    |                   |                  |                  | SJR    |
|--------|------------------------|--------------------------|--------------------|-------------------|--------------------|-------------------|------------------|------------------|--------|
|        |                        | Sierra<br>Foothill       | Eastern<br>Vly Flr | Delta<br>Srv Area | Western<br>Uplands | E Side<br>Uplands | Valley<br>E Side | Valley<br>W Side | Total  |
| Use    | Urban                  | 42                       | 93                 | 40                | 39                 | 9                 | 166              | 12               | 401    |
|        | Agriculture            | 18                       | 853                | 604               | 32                 | 4                 | 3,025            | 1,324            | 5,859  |
|        | Environmental          | 2,572                    | 406                | 23                | 0                  | 1,750             | 92               | 139              | 4,982  |
|        | Other                  | 19                       | 1                  | 2                 | 11                 | 0                 | 17               | 151              | 201    |
|        | Total                  | 2,652                    | 1,352              | 669               | 82                 | 1,763             | 3,300            | 1,626            | 11,444 |
| Supply | Local                  | 59                       | 111                | 596               | 26                 | 12                | 2,100            | 106              | 3,009  |
|        | Imports by Local       | 0                        | 0                  | 0                 | 0                  | 0                 | 0                | 0                | 0      |
|        | Groundwater            | 13                       | 728                | 30                | 2                  | 1                 | 620              | 105              | 1,499  |
|        | Reclaimed              | 1                        | 1                  | 0                 | 0                  | 0                 | 0                | 0                | 2      |
|        | Colorado River         | 0                        | 0                  | 0                 | 0                  | 0                 | 0                | 0                | 0      |
|        | CVP                    | 5                        | 22                 | 30                | 54                 | 0                 | 467              | 1,411            | 1,990  |
|        | Other Federal          | 2                        | 85                 | 13                | 0                  | 0                 | 28               | 0                | 127    |
|        | SWP                    | 0                        | 0                  | 0                 | 0                  | 0                 | 0                | 5                | 5      |
|        | Dedicated Natural Flow | 2,572                    | 405                | 0                 | 0                  | 1,750             | 85               | 0                | 4,812  |
|        | Total                  | 2,652                    | 1,352              | 669               | 82                 | 1,763             | 3,300            | 1,626            | 11,444 |

Table 23 (cont.)

## Net Water Budgets by Planning Subarea

(1,000 acre-feet)

|        |                        | Tulare Lake Region |       |                     |                    |                   | Tulare L.<br>Total |
|--------|------------------------|--------------------|-------|---------------------|--------------------|-------------------|--------------------|
|        |                        | Uplands            | KKT   | San Luis<br>W. Side | Western<br>Uplands | Kern Vly<br>Floor |                    |
| Use    | Urban                  | 11                 | 150   | 14                  | 1                  | 162               | 338                |
|        | Agriculture            | 16                 | 4,075 | 1,434               | 0                  | 2,125             | 7,649              |
|        | Environmental          | 3,066              | 15    | 0                   | 0                  | 17                | 3,097              |
|        | Other                  | 0                  | 40    | 25                  | 0                  | 64                | 130                |
|        | Total                  | 3,093              | 4,279 | 1,473               | 1                  | 2,369             | 11,214             |
| Supply | Local                  | 16                 | 2,662 | 0                   | 0                  | 1,002             | 3,680              |
|        | Imports by Local       | 0                  | 0     | 0                   | 0                  | 0                 | 0                  |
|        | Groundwater            | 6                  | 669   | 536                 | 1                  | -155              | 1,057              |
|        | Reclaimed              | 0                  | 0     | 0                   | 0                  | 0                 | 0                  |
|        | Colorado River         | 0                  | 0     | 0                   | 0                  | 0                 | 0                  |
|        | CVP                    | 0                  | 877   | 827                 | 0                  | 602               | 2,306              |
|        | Other Federal          | 0                  | 0     | 0                   | 0                  | 0                 | 0                  |
|        | SWP                    | 5                  | 71    | 110                 | 0                  | 920               | 1,105              |
|        | Dedicated Natural Flow | 3,066              | 0     | 0                   | 0                  | 0                 | 3,066              |
|        | Total                  | 3,093              | 4,279 | 1,473               | 1                  | 2,369             | 11,214             |

Table 23 (cont.)

## Net Water Budgets by Planning Subarea

(1,000 acre-feet)

|        |                        | North Lahontan Region |                 |             | South Lahontan Region |                 |                 |                    |                 | SL<br>Total |
|--------|------------------------|-----------------------|-----------------|-------------|-----------------------|-----------------|-----------------|--------------------|-----------------|-------------|
|        |                        | Lassen<br>Group       | Alpine<br>Group | NL<br>Total | Mono<br>Owens         | Death<br>Valley | Indian<br>Wells | Antelope<br>Valley | Mojave<br>River |             |
| Use    | Urban                  | 10                    | 18              | 28          | 7                     | 1               | 8               | 67                 | 59              | 141         |
|        | Agriculture            | 294                   | 172             | 466         | 132                   | 10              | 12              | 57                 | 81              | 292         |
|        | Environmental          | 18                    | 609             | 627         | 161                   | 0               | 0               | 0                  | 0               | 161         |
|        | Other                  | 0                     | 0               | 0           | 0                     | 3               | 1               | 6                  | 5               | 15          |
|        | Total                  | 322                   | 798             | 1,120       | 300                   | 14              | 21              | 130                | 144             | 608         |
| Supply | Local                  | 217                   | 171             | 387         | 52                    | 0               | 0               | 15                 | 0               | 66          |
|        | Imports by Local       | 0                     | 0               | 0           | 0                     | 0               | 0               | 0                  | 0               | 0           |
|        | Groundwater            | 102                   | 14              | 116         | 87                    | 14              | 20              | 34                 | 123             | 276         |
|        | Reclaimed              | 3                     | 5               | 8           | 1                     | 0               | 1               | 20                 | 6               | 27          |
|        | Colorado River         | 0                     | 0               | 0           | 0                     | 0               | 0               | 0                  | 0               | 0           |
|        | CVP                    | 0                     | 0               | 0           | 0                     | 0               | 0               | 0                  | 0               | 0           |
|        | Other Federal          | 0                     | 0               | 0           | 0                     | 0               | 0               | 0                  | 0               | 0           |
|        | SWP                    | 0                     | 0               | 0           | 0                     | 0               | 0               | 62                 | 16              | 78          |
|        | Dedicated Natural Flow | 0                     | 609             | 609         | 161                   | 0               | 0               | 0                  | 0               | 161         |
|        | Total                  | 322                   | 798             | 1,120       | 300                   | 14              | 21              | 130                | 144             | 608         |

Table 23 (cont.)

## Net Water Budgets by Planning Subarea

(1,000 acre-feet)

|        |                        | Colorado River Region |                |                   |       |         |                    |                   |
|--------|------------------------|-----------------------|----------------|-------------------|-------|---------|--------------------|-------------------|
|        |                        | 29 Palms<br>Lanfair   | Chuck<br>Walla | Colorado<br>River | Coach | Borrego | Imperial<br>Valley | Colorado<br>Total |
| Use    | Urban                  | 7                     | 0              | 4                 | 212   | 1       | 34                 | 259               |
|        | Agriculture            | 15                    | 17             | 673               | 277   | 37      | 2,564              | 3,582             |
|        | Environmental          | 0                     | 0              | 0                 | 0     | 0       | 39                 | 39                |
|        | Other                  | 1                     | 0              | 3                 | 42    | 0       | 397                | 442               |
|        | Total                  | 23                    | 17             | 680               | 531   | 39      | 3,034              | 4,322             |
| Supply | Local                  | 0                     | 0              | 0                 | 6     | 0       | 0                  | 6                 |
|        | Imports by Local       | 0                     | 0              | 0                 | 0     | 0       | 0                  | 0                 |
|        | Groundwater            | 21                    | 17             | 28                | 130   | 7       | 0                  | 203               |
|        | Reclaimed              | 2                     | 0              | 0                 | 13    | 0       | 0                  | 15                |
|        | Colorado River         | 0                     | 0              | 652               | 326   | 32      | 3,034              | 4,043             |
|        | CVP                    | 0                     | 0              | 0                 | 0     | 0       | 0                  | 0                 |
|        | Other Federal          | 0                     | 0              | 0                 | 0     | 0       | 0                  | 0                 |
|        | SWP                    | 0                     | 0              | 0                 | 55    | 0       | 0                  | 55                |
|        | Dedicated Natural Flow | 0                     | 0              | 0                 | 0     | 0       | 0                  | 0                 |
|        | Total                  | 23                    | 17             | 680               | 531   | 39      | 3,034              | 4,322             |

Table 24

## Net Water Budgets by Hydrologic Region

(1,000 acre-feet)

|               |                        | North<br>Coast | SF Bay | Central<br>Coast | South<br>Coast | Sac<br>River | SJR    | Tulare<br>Lake | North<br>Lahontan | South<br>Lahontan | Colorado<br>River | California<br>Total |
|---------------|------------------------|----------------|--------|------------------|----------------|--------------|--------|----------------|-------------------|-------------------|-------------------|---------------------|
|               |                        | Use            | Urban  | 125              | 1,017          | 212          | 2,985  | 709            | 401               | 338               | 28                | 141                 |
| Agriculture   | 502                    |                | 85     | 926              | 658            | 5,957        | 5,859  | 7,649          | 466               | 292               | 3,582             | 25,976              |
| Environmental | 27,523                 |                | 22,535 | 158              | 27             | 8,595        | 4,982  | 3,097          | 627               | 161               | 39                | 67,745              |
| Other         | 33                     |                | 15     | 16               | 353            | 285          | 201    | 130            | 0                 | 15                | 442               | 1,489               |
| Total         | 28,182                 |                | 23,652 | 1,312            | 4,024          | 15,546       | 11,444 | 11,214         | 1,120             | 608               | 4,322             | 101,424             |
| Supply        | Local                  | 360            | 402    | 76               | 447            | 2,938        | 3,009  | 3,680          | 387               | 66                | 6                 | 11,371              |
|               | Imports by Local       | 0              | 473    | 0                | 388            | 5            | 0      | 0              | 0                 | 0                 | 0                 | 866                 |
|               | Groundwater            | 190            | 59     | 937              | 1,362          | 2,221        | 1,499  | 1,057          | 116               | 276               | 203               | 7,920               |
|               | Reclaimed              | 12             | 35     | 18               | 209            | 0            | 2      | 0              | 8                 | 27                | 15                | 327                 |
|               | Colorado River         | 0              | 0      | 0                | 967            | 0            | 0      | 0              | 0                 | 0                 | 4,043             | 5,011               |
|               | CVP                    | 0              | 131    | 28               | 0              | 1,961        | 1,990  | 2,306          | 0                 | 0                 | 0                 | 6,415               |
|               | Other Federal          | 407            | 52     | 94               | 0              | 331          | 127    | 0              | 0                 | 0                 | 0                 | 1,011               |
|               | SWP                    | 0              | 124    | 0                | 650            | 16           | 5      | 1,105          | 0                 | 78                | 55                | 2,034               |
|               | Dedicated Natural Flow | 27,214         | 22,375 | 158              | 0              | 8,075        | 4,812  | 3,066          | 609               | 161               | 0                 | 66,470              |
|               | Total                  | 28,182         | 23,652 | 1,312            | 4,024          | 15,546       | 11,444 | 11,214         | 1,120             | 608               | 4,322             | 101,424             |

**Table 25**  
**Groundwater Changes Spring 1994 to Spring 1995**

| Hydrologic Region | Planning Subarea | Detailed Analysis Unit | County        | Groundwater Basin    | Report District       | Change           |             |       |
|-------------------|------------------|------------------------|---------------|----------------------|-----------------------|------------------|-------------|-------|
|                   |                  |                        |               |                      |                       | Elevation (Feet) | Storage taf |       |
| North Coast       | Upper Klamath    | Lost River             | Modoc         | Klamath River Valley | N.D.                  | 0.2              | 0.5         |       |
|                   |                  |                        | Siskiyou      | Klamath River Valley | N.D.                  | -1.8             | -14.7       |       |
|                   |                  |                        | Butte Valley  | Siskiyou             | Siskiyou Butte Valley | N.D.             | -0.1        | -3.0  |
|                   |                  |                        | Scott Valley  | Siskiyou             | Scott River Valley    | N.D.             | -1.9        | -6.8  |
|                   |                  |                        | Shasta Valley | Siskiyou             | Shasta Valley         | N.D.             | 0.0         | 0.2   |
|                   | Lower Klamath    | Trinity                | Humboldt      | Hoopla Valley        | N.D.                  | -2.7             | -0.6        |       |
|                   |                  | Lower Klamath          |               | Del Norte            | Klamath River Mouth   | N.D.             | -1.5        | -0.8  |
|                   | Humboldt         |                        |               | Prairie Creek        | N.D.                  | -1.5             | -0.1        |       |
|                   | Coastal          | Smith River            |               | Del Norte            | Smith River Plain     | N.D.             | -3.5        | -11.1 |
|                   |                  |                        |               | Humboldt             | Eel River             | N.D.             | -1.6        | -8.4  |
|                   |                  | Lower Eel              |               | Humboldt             | Eel River             | N.D.             | -1.6        | -0.5  |
|                   |                  |                        |               | Mendocino            | Laytonville           | N.D.             | -2.7        | -1.5  |
|                   |                  | Upper Eel              |               | Mendocino            | Covelo Round Valley   | N.D.             | -2.2        | -2.3  |
|                   |                  |                        |               | Mendocino            | Little Lake Valley    | N.D.             | -3.3        | -2.5  |
|                   |                  | Redwood Creek          |               | Humboldt             | Prairie Creek         | N.D.             | -1.2        | -1.2  |
|                   |                  |                        |               | Humboldt             | Redwood Creek         | N.D.             | -1.1        | -0.2  |
|                   |                  | Mad-Trinidad           |               | Humboldt             | Humboldt Big Lagoon   | N.D.             | 2.8         | 0.4   |
|                   |                  |                        |               | Humboldt             | Mad River Valley      | N.D.             | -3.4        | -1.0  |
|                   |                  | Eureka Plain           |               | Humboldt             | Eureka Plain          | N.D.             | -1.2        | -3.1  |
|                   |                  |                        |               | Humboldt             | Mad River Valley      | N.D.             | -2.5        | -5.8  |
|                   | Russian R- Marin |                        |               |                      | Potter Valley         | C.D.             |             |       |
|                   |                  |                        |               |                      | Ukiah Valley          | C.D.             | 0.7         | 2.5   |
|                   |                  |                        |               |                      | Sanel Valley          | C.D.             | -0.9        | -0.5  |
|                   |                  |                        |               | Alexander Valley     | C.D.                  | 1.4              | 4.7         |       |
|                   |                  |                        |               | Santa Rosa Valley    | C.D.                  | -4.1             | -29.1       |       |
| SF Bay            | North Bay        |                        |               | Petaluma Valley      | C.D.                  | -1.0             | -1.1        |       |
|                   |                  |                        |               | Sonoma Valley        | C.D.                  | -1.9             | -4.2        |       |
|                   |                  |                        |               | Napa Valley          | C.D.                  | -4.2             | -5.3        |       |
|                   | South Bay        |                        |               |                      | Suisun-Fairfield      | C.D.             | -2.4        | -3.3  |
|                   |                  |                        |               |                      | Pittsburg Plain       | C.D.             | -1.8        | -2.4  |
|                   |                  |                        |               |                      | Clayton Valley        | C.D.             | -1.1        | -1.5  |
|                   |                  |                        |               |                      | Ygnacio Valley        | C.D.             | 0.2         | 0.3   |
|                   |                  |                        |               |                      | Half Moon Bay         | C.D.             | -4.2        | -4.7  |
|                   |                  |                        |               |                      | San Gregorio Valley   | C.D.             | -3.4        | -1.5  |
|                   |                  |                        |               |                      | Pescadero Valley      | C.D.             | -2.3        | -0.8  |
|                   |                  | Santa Clara Valley     | C.D.          |                      |                       |                  |             |       |
|                   |                  | Coyote                 | C.D.          |                      |                       |                  |             |       |
|                   |                  | Llagas                 | C.D.          |                      |                       |                  |             |       |

**Table 25 (cont.)**  
**Groundwater Changes Spring 1994 to Spring 1995**

| Hydrologic Region    | Planning Subarea    | Detailed Analysis Unit | County              | Groundwater Basin     | District | Change           |             |  |
|----------------------|---------------------|------------------------|---------------------|-----------------------|----------|------------------|-------------|--|
|                      |                     |                        |                     |                       |          | Elevation (Feet) | Storage taf |  |
| <b>Central Coast</b> | Central Coast North | Pressure               |                     |                       | C.D.     | 9.8              |             |  |
|                      |                     | East Side              |                     |                       | C.D.     | 8.5              |             |  |
|                      |                     | Forebay                |                     |                       | C.D.     | 5.6              |             |  |
|                      |                     | Upper Valley           |                     |                       | C.D.     | 5.2              |             |  |
|                      |                     | S. Santa Clara Valley  |                     |                       | C.D.     | 0.9              |             |  |
|                      |                     |                        | Arroyo Grande       |                       |          | S.D.             | 6.0         |  |
|                      |                     |                        | Nipomo              |                       |          | S.D.             | 1.0         |  |
|                      |                     |                        | Pismo Beach         |                       |          | S.D.             | 13.0        |  |
|                      |                     |                        | Carpinteria         |                       |          | S.D.             | 8.0         |  |
|                      |                     |                        | Santa Barbara       |                       |          | S.D.             | 1.0         |  |
|                      |                     |                        | Santa Ynez          |                       |          | S.D.             | -8.0        |  |
|                      |                     |                        | Santa Maria         |                       |          | S.D.             | 23.0        |  |
| <b>South Coast</b>   |                     |                        |                     | Piru Basin            | S.D.     | 23.0             |             |  |
|                      |                     |                        |                     | Fillmore Basin        | S.D.     | 2.0              |             |  |
|                      |                     |                        |                     | Santa Paula Basin     | S.D.     | 5.0              |             |  |
|                      |                     |                        |                     | Oxnard Forebay        | S.D.     |                  |             |  |
|                      |                     |                        |                     | N. (West) Los Posas   | S.D.     | 34.0             |             |  |
|                      |                     |                        |                     | Oxnard Plain Pressure | S.D.     | -3.0             |             |  |
|                      |                     |                        |                     | Santa Clara           | S.D.     | -3.0             |             |  |
|                      |                     |                        |                     | Central               | S.D.     | -26.0            |             |  |
|                      |                     |                        |                     | West Coast            | S.D.     | -2.0             |             |  |
|                      |                     |                        |                     | Montebello Forebay    | S.D.     | 3.0              | 19.0        |  |
|                      |                     |                        |                     | San Fernando          | S.D.     |                  |             |  |
|                      |                     |                        |                     | Main San Gabriel      | S.D.     | 0.0              | 79.0        |  |
|                      |                     |                        |                     | San Gabriel Canyon    | S.D.     | 14.0             |             |  |
|                      |                     |                        |                     | Pomona                | S.D.     | 49.0             |             |  |
|                      |                     |                        |                     | Raymond               | S.D.     | -29.0            |             |  |
|                      |                     |                        |                     | Orange Co WD          | S.D.     | -6.0             | 37.0        |  |
|                      |                     |                        |                     | Chino                 | S.D.     | -30 to 20        |             |  |
|                      |                     |                        | Bunker Hill         | S.D.                  | -1.0     |                  |             |  |
|                      |                     |                        | Colton&Rvrside Bsns | S.D.                  | 5.0      |                  |             |  |
|                      |                     |                        | San Bernardino      | S.D.                  | 3.0      | 36.0             |             |  |
|                      |                     |                        | Yucaipa             | S.D.                  | -17.0    |                  |             |  |
|                      |                     |                        | Temecula            | S.D.                  | -4.0     |                  |             |  |
|                      |                     |                        | San Diego Co        | S.D.                  |          |                  |             |  |

**Table 25 (cont.)**  
**Groundwater Changes Spring 1994 to Spring 1995**

| Hydrologic Region | Planning Subarea   | Detailed Analysis Unit | County           | Groundwater Basin     | District          | Change           |             |       |      |
|-------------------|--------------------|------------------------|------------------|-----------------------|-------------------|------------------|-------------|-------|------|
|                   |                    |                        |                  |                       |                   | Elevation (Feet) | Storage taf |       |      |
| Sac. River        | Shasta Lake        | Goose Lake             | Lassen           | Alturas               | N.D.              | 0.3              | 0.1         |       |      |
|                   |                    |                        | Modoc            | Alturas               | N.D.              | 0.3              | 3.5         |       |      |
|                   |                    | Big Valley             | Modoc            | Goose Lake            | N.D.              | 1.0              | 3.3         |       |      |
|                   |                    |                        | Lassen           | Big Valley            | N.D.              | -0.7             | -4.0        |       |      |
|                   |                    | Northwest Valley       | MacArthur        | Modoc                 | Big Valley        | N.D.             | -0.9        | -1.6  |      |
|                   |                    |                        |                  | Modoc                 | Round Valley      | N.D.             | -1.7        | -1.2  |      |
|                   |                    | Northwest Valley       | Hat Creek        | Lassen                | Fall River Valley | N.D.             | -1.8        | -1.0  |      |
|                   |                    |                        |                  | Shasta                | Fall River Valley | N.D.             | -2.0        | -9.8  |      |
|                   |                    | Northwest Valley       | Redding West     | Shasta                | Redding           | N.D.             | -1.8        | -13.9 |      |
|                   |                    |                        |                  | Tehama                | Redding           | N.D.             | -0.7        | -5.9  |      |
|                   | Glenn              |                        |                  | Sacramento Valley     | N.D.              | -4.5             | -35.9       |       |      |
|                   | Northeast Valley   | Redding East           | Tehama           | Sacramento Valley     | N.D.              | -1.5             | -52.5       |       |      |
|                   |                    |                        | Shasta           | Redding               | N.D.              | 0.0              | 0.3         |       |      |
|                   |                    |                        | Tehama           | Redding               | N.D.              | 0.0              | 0.0         |       |      |
|                   | Southeast Valley   | Los Molinos            | Butte            | Sacramento Valley     | N.D.              | -2.5             | -14.8       |       |      |
|                   |                    |                        | Tehama           | Sacramento Valley     | N.D.              | -1.6             | -12.6       |       |      |
|                   |                    |                        | Plumas           | Almanor               | N.D.              | -0.6             | -0.2        |       |      |
|                   | Southeast Valley   | Feather River          | Plumas           | Mohawk Valley         | N.D.              | -1.0             | -0.4        |       |      |
|                   |                    |                        | Plumas           | Sierra Valley         | N.D.              | 5.0              | 24.7        |       |      |
|                   |                    |                        | Sierra           | Sierra Valley         | N.D.              | 0.2              | 0.7         |       |      |
|                   | Central Basin West | Willows-Arbuckle       | Colusa           | Sacramento Valley     | N.D.              | -1.4             | -41.9       |       |      |
|                   |                    |                        | Glenn            | Sacramento Valley     | N.D.              | 1.6              | 40.2        |       |      |
|                   | Central Basin East | Glenn-Knights Ld       | Colusa           | Sacramento Valley     | N.D.              | -3.2             | -23.9       |       |      |
|                   |                    |                        | Durham-Sutter    | Butte                 | Sacramento Valley | N.D.             | -1.9        | -24.5 |      |
|                   |                    |                        |                  | Glenn                 | Sacramento Valley | N.D.             | 0.6         | 0.6   |      |
|                   | Southwest Valley   | Butte City             | Butte            | Sacramento Valley     | N.D.              | -1.9             | -2.9        |       |      |
|                   |                    |                        | Colusa           | Sacramento Valley     | N.D.              | -2.9             | -8.5        |       |      |
|                   |                    |                        | Glenn            | Sacramento Valley     | N.D.              | -3.6             | -7.5        |       |      |
|                   |                    |                        | Butte            | Sacramento Valley     | N.D.              | -1.0             | -6.9        |       |      |
|                   |                    |                        | Butte            | Sacramento Valley     | N.D.              | -0.9             | -2.8        |       |      |
|                   |                    |                        | Southwest Valley | Cache Creek           | Lake              | Burns Valley     | N.D.        | -1.5  | -0.1 |
|                   |                    |                        |                  |                       | Lake              | High Valley      | N.D.        | -4.5  | -0.6 |
|                   | Lake               | Kelseyville Valley     |                  |                       | N.D.              | -2.9             | -3.9        |       |      |
|                   | Central Basin E    | Putah Creek            | Lake             | Scotts Valley         | N.D.              | -2.9             | -0.6        |       |      |
|                   |                    |                        | Lake             | Upper Lake            | N.D.              | -3.1             | -2.1        |       |      |
|                   |                    |                        | Lake             | Coyote Valley         | N.D.              | -3.5             | -1.0        |       |      |
|                   |                    |                        | Lake             | Mdletwn-Collayomi Vly | N.D.              | -3.3             | -1.2        |       |      |
|                   |                    |                        | Sutter           |                       | C.D.              | -3.0             | -36.5       |       |      |
|                   | Central Basin W    |                        | North Yuba       |                       | C.D.              | -1.3             | -9.5        |       |      |
|                   |                    |                        | South Yuba       |                       | C.D.              | 0.6              | 4.2         |       |      |
|                   |                    |                        | North American   |                       | C.D.              | -1.5             | -33.4       |       |      |
|                   |                    |                        | South American   |                       | C.D.              | 0.2              | 2.5         |       |      |
|                   |                    |                        | Solano           |                       | C.D.              | -3.3             | -104.6      |       |      |
|                   |                    |                        | Yolo             |                       | C.D.              | -0.1             | -1.3        |       |      |
|                   |                    |                        | Colusa           |                       | C.D.              | -2.3             | -31.9       |       |      |

**Table 25 (cont.)**  
**Groundwater Changes Spring 1994 to Spring 1995**

| Hydrologic Region  | Planning Subarea     | Detailed Analysis Unit | County | Groundwater Basin | District | Change Elevation (Feet) | Change Storage taf |
|--------------------|----------------------|------------------------|--------|-------------------|----------|-------------------------|--------------------|
| <b>Sac-SJR</b>     | Delta Service Area   |                        |        | Tracy             | C.D.     | -2.5                    | -77.2              |
| <b>SJR</b>         | Eastern Valley Floor |                        |        | Cosumnes          | C.D.     | -2.1                    | -43.0              |
|                    |                      |                        |        | E San Joaquin     | C.D.     | 1.5                     | 79.6               |
|                    | Western Uplands      |                        |        |                   | C.D.     |                         |                    |
|                    | Valley East Side     | Modesto-Oakdale        |        |                   | S.J.D.   | -1.7                    | -50.0              |
|                    |                      | Modesto Reservoir      |        |                   | S.J.D.   | -2.7                    | -12.0              |
|                    |                      | Turlock                |        |                   | S.J.D.   | 0.7                     | 18.0               |
|                    |                      | Turlock Lake           |        |                   | S.J.D.   | 0.1                     | 0.0                |
|                    |                      | Merced                 |        |                   | S.J.D.   | -3.4                    | -49.0              |
|                    |                      | Merced Stream Group    |        |                   | S.J.D.   | 0.4                     | 0.0                |
|                    |                      | El Nido-Stevinson      |        |                   | S.J.D.   | 1.9                     | 18.0               |
|                    |                      | Madera-Chowchilla      |        |                   | S.J.D.   | -5.0                    | -87.0              |
|                    |                      | Adobe                  |        |                   | S.J.D.   | -2.9                    | -45.0              |
|                    |                      | Gravelly Ford          |        |                   | S.J.D.   | -1.2                    | -18.0              |
|                    | Valley West Side     | West Side              |        |                   | S.J.D.   | 0.0                     | 34.0               |
| <b>Tulare Lake</b> | Kings-Kaweah-Tule    | Fresno                 |        |                   | S.J.D.   | -4.4                    | -154.0             |
|                    |                      | Academy                |        |                   | S.J.D.   | -7.4                    | -23.0              |
|                    |                      | Raisin                 |        |                   | S.J.D.   | -0.2                    | -11.0              |
|                    |                      | Consolidated           |        |                   | S.J.D.   | -4.8                    | -139.0             |
|                    |                      | Lower Kings River      |        |                   | S.J.D.   | -1.6                    | -28.0              |
|                    |                      | Hanford-Lemoore        |        |                   | S.J.D.   | -0.4                    | -8.0               |
|                    |                      | Alta                   |        |                   | S.J.D.   | -2.6                    | -35.0              |
|                    |                      | Orange Cove            |        |                   | S.J.D.   | 1.3                     | 2.0                |
|                    |                      | Tulare Lake            |        |                   | S.J.D.   | 1.3                     | 8.0                |
|                    |                      | Kaweah Delta           |        |                   | S.J.D.   | -5.1                    | -238.0             |
|                    |                      | Tule Delta             |        |                   | S.J.D.   | -3.5                    | -167.0             |
|                    | San Luis West Side   | Westlands              |        |                   | S.J.D.   | -3.0                    | -10.0              |
|                    |                      | Kettleman Plain        |        |                   | S.J.D.   |                         |                    |
|                    |                      | South Tulare Lake      |        |                   | S.J.D.   | 1.7                     | 0.0                |
|                    | Kern Valley Floor    | Kern Delta             |        |                   | S.J.D.   | -5.2                    | -221.0             |
|                    |                      | Semitropic             |        |                   | S.J.D.   | 3.2                     | 80.0               |
|                    |                      | North Kern             |        |                   | S.J.D.   | -4.8                    | -111.0             |
|                    |                      | Northeastern Kern      |        |                   | S.J.D.   | -6.5                    | -16.0              |
|                    |                      | Arvin-Edison           |        |                   | S.J.D.   | 4.6                     | 50.0               |
|                    |                      | Antelope Plain         |        |                   | S.J.D.   | -2.6                    | -9.0               |
|                    |                      | Buena Vista Valley     |        |                   | S.J.D.   | -3.9                    | -1.0               |
|                    |                      | Wheeler R-Maricopa     |        |                   | S.J.D.   | 0.0                     | 0.0                |

**Table 25 (cont.)**  
**Groundwater Changes Spring 1994 to Spring 1995**

| Hydrologic Region     | Planning Subarea | Detailed Analysis Unit | County     | Groundwater Basin     | District   | Change           |              |     |
|-----------------------|------------------|------------------------|------------|-----------------------|------------|------------------|--------------|-----|
|                       |                  |                        |            |                       |            | Elevation (Feet) | Storage (af) |     |
| <b>North Lahtn</b>    | Lassen Group     | Surprise Valley        | Lassen     | Surprise Valley       | N.D.       | 7.0              | 1.0          |     |
|                       |                  |                        | Modoc      | Surprise Valley       | N.D.       | 7.0              | 108.5        |     |
|                       |                  | Madeline Plains        | Lassen     | Terro-Madeline Plains | N.D.       | 0.9              | 10.9         |     |
|                       |                  |                        | Susanville | Lassen                | Honey Lake | N.D.             | 0.7          | 9.9 |
|                       |                  |                        |            | Lassen                | Honey Lake | N.D.             | 0.2          | 1.2 |
|                       |                  | Herlong                | Lassen     | Long Valley           | N.D.       | -1.6             | -4.0         |     |
|                       |                  |                        | Sierra     | Long Valley           | N.D.       | -3.5             | -2.2         |     |
|                       |                  | Upper Honey Lake       | Lassen     | Secret Valley         | N.D.       | 0.8              | 2.0          |     |
|                       |                  |                        | Lassen     | Willow Creek Valley   | N.D.       | -0.4             | -0.4         |     |
|                       | Alpine Group     |                        |            | El Dorado             | C.D.       | -2.8             | -2.7         |     |
| <b>South Lahtn</b>    |                  |                        |            | Owens Valley          | S.D.       | 0.0              |              |     |
|                       |                  |                        |            | Antelope Valley       | S.D.       | 1.0              |              |     |
|                       |                  |                        |            | Mojave River          | S.D.       | -1.0             |              |     |
| <b>Colorado River</b> |                  |                        |            | Indio Basin           | S.D.       |                  |              |     |
|                       |                  |                        |            | Warren Valley         | S.D.       | 7.0              |              |     |

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